





For Profiling and Quantitation



Vitamins are organic compounds that directly or indirectly participate in organisms' biochemical reactions. These are divided into two classes, based on their solubility in fat (includes A, D, E, and K) and water (includes B and C).

Cambridge Isotope Laboratories, Inc. offers unlabeled and stable isotope-labeled vitamins as neat compounds and/or in solution at specified concentrations. These can be used in a wide range of applications, such as metabolism and pathophysiology explorations, as well as disease biomarker evaluation in pre-clinical and clinical MS studies (e.g., vitamin D deficiency). These standards help facilitate accurate and precise quantification of endogenous metabolites in biological matrices.

Water Soluble

Catalog No.	Description	Concentration	Unit Size
CLM-9548	5-Methyltetrahydrofolic acid (glutamic acid-13C ₅ , 99%) CP 95%	neat	1 mg, 5 mg
CLM-7321-N	5-Methyltetrahydrofolic acid, calcium salt (glutamic acid-13C ₅ , 98%) CP 95%	neat	1 mg, 5 mg
DLM-9793-N	Pyridoxal phosphate (mix of 5-,3-isomers) (methyl-D ₃ , 97%)	neat	1 mg
CLM-7667	Vitamin B_1 hydrochloride (thiamine hydrochloride) (4,5,4-methyl- $^{13}C_3$, 99%) CP 97%	neat	5 mg
ULM-10004	Vitamin B ₁ hydrochloride (thiamine hydrochloride) (unlabeled)	neat	1 mg, 5 mg, 10 mg
DLM-8741	Vitamin B_1 pyrophosphate chloride (thiamine pyrophosphate chloride) (pyrimidyl-methyl- D_3 , 98%)	neat	1 mg
V-053*	Vitamin B₁ pyrophosphate (thiamine pyrophosphate) (unlabeled)	1 mg/mL in methanol:water (1:1)	1 mL
CNLM-8851	Vitamin B ₂ (riboflavin) (13C ₄ , 99%; 15N ₂ , 98%) CP 97%	neat	1 mg, 5 mg, 10 mg
ULM-9123	Vitamin B ₂ (riboflavin) (unlabeled) CP 97%	neat	1 mg, 5 mg, 10 mg
CNLM-10744	Vitamin B ₂ phosphate (riboflavin phosphate) (13C ₄ , 99%; 15N ₂ , 98%) CP 90%	neat	1 mg
CLM-9925	Vitamin B ₃ (nicotinamide) (13C ₆ , 99%)	neat	1 mg, 5 mg
DLM-6883	Vitamin B ₃ (nicotinamide) (D ₄ , 98%)	neat	0.1 g, 0.5 g
CNLM-9757	Vitamin B ₃ (nicotinamide) (2,6-carbonyl- ¹³ C ₃ , 99%; ring-1- ¹⁵ N, 98%)	neat	1 mg
CLM-9954	Vitamin B ₃ (nicotinic acid) (¹³ C ₆ , 99%)	neat	1 mg, 5 mg
DLM-4578	Vitamin B ₃ (nicotinic acid) (D ₄ , 98%)	neat	5 mg, 1 g
DLM-2872	Vitamin B ₃ , ethyl ester (nicotinic acid, ethyl ester) (2,4,5,6-D ₄ , 98%)	neat	5 g
CNLM-9512	Vitamin B ₃ (nicotinic acid) (2,6,carboxyl- ¹³ C ₃ , 99%; ¹⁵ N, 98%) CP 97%	neat	1 mg
CNLM-7694	Vitamin B_5 , calcium salt· H_2 O (calcium pantothenate· H_2 O) (β-alanyl- 13 C $_3$, 99%; 15 N, 98%)	neat	10 mg
ULM-10003	Vitamin B ₅ , calcium salt·H ₂ O (calcium pantothenate·H ₂ O) (unlabeled)	neat	1 mg, 5 mg, 10 mg

^{*}Products listed with an asterisk are available only in the US, Switzerland, and Australia.

Catalog No.	Description	Concentration	Unit Size
DLM-9069	Vitamin B ₆ (pyridoxal) (methyl-D ₃ , 98%)	neat	1 mg, 5 mg, 10 mg
ULM-9118	Vitamin B ₆ (pyridoxal·HCl) (unlabeled)	neat	1 mg, 5 mg, 10 mg
DLM-9119	Vitamin B ₆ (pyridoxamine·2HCl) (methyl-D ₃ , 98%)	neat	1 mg, 5 mg, 10 mg
ULM-9120	Vitamin B ₆ (pyridoxamine-2HCl) (unlabeled)	neat	1 mg, 5 mg, 10 mg
CLM-7563	Vitamin B ₆ (pyridoxine·HCl) (4,5-bis(hydroxymethyl)-13C ₄ , 99%)	neat	10 mg
DLM-8754	Vitamin B ₆ (pyridoxine·HCl) (5-hydroxymethyl-D ₂ , 98%)	neat	1 mg, 5 mg
DLM-9121	Vitamin B ₆ (pyridoxine·HCl) (methyl-D ₃ , 98%) CP 96%	neat	1 mg, 5 mg, 10 mg
ULM-9122	Vitamin B ₆ (pyridoxine·HCl) (unlabeled) CP 96%	neat	1 mg, 5 mg, 10 mg
DLM-8806	Vitamin B ₇ (biotin) (ring-6,6-D ₂ , 98%) CP 97%	neat	5 mg, 10 mg, 20 mg
DLM-9751	Vitamin B ₇ (biotin) (3',3',4',4'-D ₄ , 98%) CP 95%	neat	1 mg
ULM-9129	Vitamin B ₇ (biotin) (unlabeled)	neat	1 mg, 5 mg
CLM-7861-N	Vitamin B ₉ (folic acid) (glutamic acid-13C ₅ , 99%) CP 95%	neat	1 mg, 5 mg
CLM-7861	Vitamin B_9 (folic acid) (glutamic acid- $^{13}C_5$, 95%) (contains ~10% H_2O)	neat	Please inquire
CNLM-9564	Vitamin B ₉ (folic acid) (glutamic acid-13C ₅ , 99%; 15N, 98%) CP 95%	neat	1 mg, 5 mg
CLM-9770-E	Vitamin B ₁₂ (cyanocobalamin) (13C ₇ , 99%) CP 95%	1 μg/mL in methanol	1 mL
ULM-10005-E	Vitamin B ₁₂ (cyanocobalamin) (unlabeled)	1 μg/mL in methanol	1 mL
CLM-3085	Vitamin C (L-ascorbic acid) (1-13C, 99%)	neat	0.05 g, 0.1 g, 0.25 g, 0.5 g
CLM-10991	Vitamin C (L-ascorbic acid) (1,2-13C ₂ , 99%)	neat	Please inquire
CLM-7283	Vitamin C (L-ascorbic acid) (U-13C ₆ , 98%)	neat	0.05 g, 0.1 g
V-038*	Vitamin C (L-ascorbic acid) (unlabeled)	1 mg/mL in acetonitrile:water (1:1)	1 mL

Fat Soluble

Catalog No.	Description	Concentration	Unit Size
CLM-6126	β-Carotene (10,10',11,11'- ¹³ C ₄ , 99%)	neat	Please inquire
CLM-9641	β-Carotene (12,12',13,13',14,14',15,15',20,20'- ¹³ C ₁₀ , 99%) CP 97%	neat	Please inquire
DLM-3829	β-Carotene (19,19,19,19',19',19'-D ₆ , 98%)	neat	Please inquire
DLM-2439	β-Carotene (10,10',19,19,19,19',19',19'-D ₈ , 97%)	neat	Please inquire
ULM-9106-C	1,25-Dihydroxyvitamin D2 (unlabeled) CP 95%	100 μg/mL in ethanol	1 mL
ULM-9106-B	1,25-Dihydroxyvitamin D2 (unlabeled) CP 95%	50 μg/mL in ethanol	1 mL
ULM-9106	1,25-Dihydroxyvitamin D2 (unlabeled) CP 95%	neat	0.1 mg, 1 mg
DLM-9107-C	1,25-Dihydroxyvitamin D3 (6,19,19-D ₃ , 97%) CP 95%	100 μg/mL in ethanol	1 mL
DLM-9107-B	1,25-Dihydroxyvitamin D3 (6,19,19-D ₃ , 97%) CP 95%	50 μg/mL in ethanol	1 mL
DLM-9107	1,25-Dihydroxyvitamin D3 (6,19,19-D ₃ , 97%) CP 95%	neat	1 mg
ULM-9108-C	1,25-Dihydroxyvitamin D3 (unlabeled) CP 95%	100 μg/mL in ethanol	1 mL
ULM-9108-B	1,25-Dihydroxyvitamin D3 (unlabeled) CP 95%	50 μg/mL in ethanol	1 mL
ULM-9108	1,25-Dihydroxyvitamin D3 (unlabeled) CP 95%	neat	0.5 mg, 1 mg
ULM-9109-C	24,25-Dihydroxyvitamin D2 (unlabeled)	100 μg/mL in ethanol	1 mL
ULM-9109	24,25-Dihydroxyvitamin D2 (unlabeled)	neat	1 mg
DLM-9404-C	24R,25-Dihydroxyvitamin D3 (26,26,26,27,27,27-D ₆ , 98%) CP 97%	100 μg/mL in ethanol	1 mL
DLM-9404	24R,25-Dihydroxyvitamin D3 (26,26,26,27,27,27-D ₆ , 98%) CP 97%	neat	1 mg
ULM-10610-C	24R,25-Dihydroxyvitamin D3 (unlabeled) CP 97%	100 μg/mL in ethanol	1 mL
ULM-10610	24R,25-Dihydroxyvitamin D3 (unlabeled) CP 97%	neat	1 mg
ULM-9110-C	3-epi-25-Hydroxyvitamin D2 (unlabeled)	100 μg/mL in ethanol	1 mL
ULM-9110-B	3-epi-25-Hydroxyvitamin D2 (unlabeled)	50 μg/mL in ethanol	1 mL
ULM-9110	3- <i>epi</i> -25-Hydroxyvitamin D2 (unlabeled)	neat	1 mg
DLM-9114-C	25-Hydroxyvitamin D2 (6,19,19-D ₃ , 97%)	100 μg/mL in ethanol	1 mL
DLM-9114-B	25-Hydroxyvitamin D2 (6,19,19-D ₃ , 97%)	50 μg/mL in ethanol	1 mL
DLM-9114-A	25-Hydroxyvitamin D2 (6,19,19-D ₃ , 97%)	5 μg/mL in ethanol	1 mL
DLM-9114	25-Hydroxyvitamin D2 (6,19,19-D ₃ , 97%)	neat	1 mg
DLM-10219	25-Hydroxyvitamin D2 (26,26,26,27,27,27-D ₆ , 96%) CP 95%	neat	Please inquire
ULM-9115-C	25-Hydroxyvitamin D2 (unlabeled)	100 μg/mL in ethanol	1 mL

^{*}Products listed with an asterisk are available only in the US, Switzerland, and Australia.

Chemical purity (CP) is 98% or greater, unless otherwise specified. MPT (microbiological and pyrogen tested) may be available; please inquire. For research use only. Not for use in diagnostic procedures.

Catalog No.	Description	Concentration	Unit Size
ULM-9115-B	25-Hydroxyvitamin D2 (unlabeled)	50 μg/mL in ethanol	1 mL
ULM-9115-A	25-Hydroxyvitamin D2 (unlabeled)	5 μg/mL in ethanol	1 mL
ULM-9115	25-Hydroxyvitamin D2 (unlabeled)	neat	1 mg
DLM-10611-C	25-Hydroxyvitamin D2 sulfate, sodium salt (6,19,19-D ₃ , 97%) CP 97%	100 μg/mL in ethanol	1 mL
ULM-10612-C	25-Hydroxyvitamin D2 sulfate, sodium salt (unlabeled) CP 97%	100 μg/mL in ethanol	1 mL
CLM-10266-C	3-epi-25-Hydroxyvitamin D3 (23,24,25,26,27- ¹³ C ₅ , 99%) CP 96%	100 μg/mL in ethanol	1 mL
DLM-9111-C	3-epi-25-Hydroxyvitamin D3 (6,19,19-D ₃ , 98%)	100 μg/mL in ethanol	1 mL
DLM-9111-B	3-epi-25-Hydroxyvitamin D3 (6,19,19-D ₃ , 98%)	50 μg/mL in ethanol	1 mL
DLM-9111	3- <i>epi</i> -25-Hydroxyvitamin D3 (6,19,19-D ₃ , 98%)	neat	1 mg
DLM-10912	3- <i>epi</i> -25-Hydroxyvitamin D3 (26,26,26,27,27,27-D ₆ , 96%) CP 95%	neat	Please inquire
ULM-9112-C	3-epi-25-Hydroxyvitamin D3 (unlabeled)	100 μg/mL in ethanol	1 mL
ULM-9112-B	3-epi-25-Hydroxyvitamin D3 (unlabeled)	50 μg/mL in ethanol	1 mL
ULM-9112	3-epi-25-Hydroxyvitamin D3 (unlabeled)	neat	1 mg
CLM-10025-C	25-Hydroxyvitamin D3 (23,24,25,26,27- ¹³ C ₅ , 99%) CP 95%	100 μg/mL in ethanol	1 mL
CLM-10025	25-Hydroxyvitamin D3 (23,24,25,26,27- ¹³ C ₅ , 99%) CP 95%	neat	1 mg
DLM-9116-C	25-Hydroxyvitamin D3 (6,19,19-D ₃ , 97%)	100 μg/mL in ethanol	1 mL
DLM-9116-B	25-Hydroxyvitamin D3 (6,19,19-D ₃ , 97%)	50 μg/mL in ethanol	1 mL
DLM-9116-A	25-Hydroxyvitamin D3 (6,19,19-D ₃ , 97%)	5 μg/mL in ethanol	1 mL
DLM-9116	25-Hydroxyvitamin D3 (6,19,19-D ₃ , 97%)	neat	1 mg, 5 mg
ULM-9117-C	25-Hydroxyvitamin D3 (unlabeled)	100 μg/mL in ethanol	1 mL
ULM-9117-B	25-Hydroxyvitamin D3 (unlabeled)	50 μg/mL in ethanol	1 mL
ULM-9117-A	25-Hydroxyvitamin D3 (unlabeled)	5 μg/mL in ethanol	1 mL
ULM-9117	25-Hydroxyvitamin D3 (unlabeled)	neat	5 mg
DLM-7708-C	25-Hydroxyvitamin D3 monohydrate (26,26,26,27,27,27-D ₆ , 98%) CP 97%	100 μg/mL in ethanol	1 mL
DLM-7708-B	25-Hydroxyvitamin D3 monohydrate (26,26,26,27,27,27-D ₆ , 98%) CP 97%	50 μg/mL in ethanol	1 mL
DLM-7708	25-Hydroxyvitamin D3 monohydrate (26,26,26,27,27,27-D ₆ , 98%) CP 97%	neat	1 mg
DLM-10782-C	25-Hydroxyvitamin D3 sulfate, sodium salt (6,19,19-D ₃ , 97%) CP 97%	100 μg/mL in ethanol	Please inquire
DLM-10781-C	25-Hydroxyvitamin D3 sulfate, sodium salt (unlabeled) CP 97%	100 μg/mL in ethanol	Please inquire
CLM-331	Vitamin A (retinoic acid) (10-13C, 99%)	neat	Please inquire
CLM-328	Vitamin A (retinoic acid) (11-13C, 98%)	neat	Please inquire
CLM-329	Vitamin A (retinoic acid) (14-13C, 99%)	neat	Please inquire
CLM-330	Vitamin A (retinoic acid) (15-13C, 99%)	neat	Please inquire
CLM-4343	Vitamin A (retinoic acid) (10,11,14,15- ¹³ C ₄ , 99%)	neat	Please inquire
DLM-7720	Vitamin A (retinoic acid) (19,19,19,20,20,20-D ₆ , 96%)	neat	1 mg
CLM-10259	Vitamin A (retinol) (12,13,14,20-13C ₄ , 99%)	neat	Please inquire
DLM-9305	Vitamin A (retinol) (12,13,14,20° C ₄ , 95%)	neat	1 mg, 5 mg
DLM-8113	Vitamin A (retinol) (19,19,19,19-0 ₄ , 90 %) Vitamin A (retinol) (19,19,19,20,20,20-D ₆ , 97%)		1 mg, 5 mg, 10 mg
DLM-9306	Vitamin A (retinol) (19,19,19,20,20,20-D ₆ , 97 %) Vitamin A (retinol) (10,14,19,19,19,20,20,20-D ₈ , 90%) CP 96%	neat	Please inquire
CLM-8870		neat	<u> </u>
CLW-8870	Vitamin A acetate (retinol acetate) (12,13,14,20-13C ₄ , 99%)	neat	Please inquire
	Vitamin A acetate (retinol acetate) (8,9,10,12,13,14,19,20-13C ₈ , 99%)	neat	Please inquire
CLM-7277	Vitamin A acetate (retinol acetate) (8,9,10,11,12,13,14,15,19,20-13C ₁₀ , 99%)	neat	Please inquire
DLM-2244	Vitamin A acetate (retinol acetate) (10,19,19,19-D ₄ , 96%) (3-4% <i>cis</i>)	neat	Please inquire
DLM-3828	Vitamin A acetate (retinol acetate) (19,19,19,20,20,20-D ₆ , 96%) (3-4% <i>cis</i>)	neat	Please inquire
DLM-4203	Vitamin A acetate (retinol acetate) (10,14,19,19,19,20,20,20-D ₈ , 90%) (3-4% <i>cis</i>)	neat	Please inquire
CLM-320	Vitamin A aldehyde (retinal) (10-13C, 99%)	neat	Please inquire
CLM-325	Vitamin A aldehyde (retinal) (11-13C, 99%)	neat	Please inquire
CLM-326	Vitamin A aldehyde (retinal) (14-13C, 99%)	neat	Please inquire
CLM-327	Vitamin A aldehyde (retinal) (15-13C, 98%)	neat	Please inquire
CLM-10772	Vitamin A aldehyde (retinal) (12,13,14,20-13C ₄ , 96%)	neat	Please inquire
DLM-7719	Vitamin A aldehyde (retinal) (19,19,19,20,20,20-D ₆ , 96%)	neat	Please inquire

CLM-9399bb Watarm A palmtate feeting palmtate) (12.13.20-Fc, 88%) (all trans, 44% o.5.0 ppm but/yetted bydroxyoluene – *8HT*) neat Please inquire (all trans, 44% o.5.0 ppm but/yetted bydroxyoluene – *8HT*) CLM-10838 Matarm A palmtate (entiny justimitate) (all 19.19.19-19.9%) neat Please inquire (all trans, 44% o.5.5 0 ppm but/yetted bydroxyoluene – *8HT*) neat 1 mg, 5 mg DLM-9020 (all trans, 44% o.5.5 0 ppm but/yetted bydroxyoluene – *8HT*) neat Please inquire (all trans, 44% o.5.5 0 ppm but/yetted bydroxyoluene – *8HT*) neat 1 mg, 5 mg DLM-9895 (bit trans, 44% o.5.5 0 ppm but/yetted bydroxyoluene – *8HT*) neat 1 mg DLM-9895 Vitarim D. (regocacifereol (6.19.19-0, 97%) 100 pg/mL in ethanol 1 mt DLM-9895 Vitarim D. (regocacifereol (6.19.19-0, 97%) neat 1 mg DLM-9124 Vitarim D. (regocacifereol (6.19.19-0, 97%) 100 pg/mL in ethanol 1 mt ULM-9124 Vitarim D. (regocacifereol (6.19.19-0, 97%) 100 pg/mL in ethanol 1 mt ULM-9124 Vitarim D. (regocacifereol (6.19.19-0, 97%) 100 pg/mL in ethanol 1 mt ULM-9124 Vitarim D. (regocacifereol (6.19.19-0, 97%) 100 pg/mL in ethanol 1 mt ULM	Catalog No.	Description	Concentration	Unit Size
March Marc	CLM-9395		neat	Please inquire
March Application Committed (1914) Application Committed	CLM-10838	(8,9,10,11,12,13,14,15,19,20- ¹³ C ₁₀ , 99%)	neat	Please inquire
Gall rans, c4% c5, 50 ppm butyleted hydroxytoluene = "BHT") DLM-8985-C Vitamin D, (ergocalciferol) (6,19,19-D, 97%) 1000 µg/mL in ethanol 1 mL DLM-8985-C Vitamin D, (ergocalciferol) (6,19,19-D, 97%) 1000 µg/mL in ethanol 1 mL DLM-9385-C Vitamin D, (ergocalciferol) (6,19,19-D, 97%) 1000 µg/mL in ethanol 1 mL DLM-9385-C Vitamin D, (ergocalciferol) (unlabeled) 1000 µg/mL in ethanol 1 mL DLM-9124-C Vitamin D, (ergocalciferol) (unlabeled) 1000 µg/mL in ethanol 1 mL DLM-9124-C Vitamin D, (ergocalciferol) (unlabeled) 1000 µg/mL in ethanol 1 mL DLM-10478-C Vitamin D, sulfate, sodium salt (ergocalciferol sulfate) 1000 µg/mL in ethanol 1 mL DLM-10478-C Vitamin D, sulfate, sodium salt (ergocalciferol sulfate) (unlabeled) 1000 µg/mL in ethanol 1 mL DLM-10477-C Vitamin D, sulfate, sodium salt (ergocalciferol sulfate) (unlabeled) CP 97% 1000 µg/mL in ethanol 1 mL DLM-10478-C Vitamin D, (cholecalciferol) (23,24-75,6,56-75,98%) CP 97% 1000 µg/mL in ethanol 1 mL DLM-10470-C Vitamin D, (cholecalciferol) (23,24-75,6,56-75,98%) CP 97% 1000 µg/mL in ethanol 1 mL DLM-10470-C Vitamin D, (cholecalciferol) (23,24-75,6,56-75,98%) CP 97% 1000 µg/mL in ethanol 1 mL DLM-10470-C Vitamin D, (cholecalciferol) (6,19,19-D, 97%) CP 97% 1000 µg/mL in ethanol 1 mL DLM-10470-C Vitamin D, (cholecalciferol) (6,19,19-D, 97%) CP 97% 1000 µg/mL in ethanol 1 mL DLM-10470-C Vitamin D, (cholecalciferol) (6,19,19-D, 97%) CP 97% 1000 µg/mL in ethanol 1 mL DLM-10470-C Vitamin D, (cholecalciferol) (6,19,19-D, 97%) CP 97% 1000 µg/mL in ethanol 1 mL DLM-10470-C Vitamin D, (cholecalciferol) (6,19,19-D, 97%) CP 97% 1000 µg/mL in ethanol 1 mL DLM-10470-C Vitamin D, (cholecalciferol) (6,26,26,27,27,27-D, 98%) CP 95% 1000 µg/mL in ethanol 1 mL DLM-10470-C Vitamin D, (cholecalciferol) (6,26,26,27,27,27-D, 98%) CP 95% 1000 µg/mL in ethanol 1 mL DLM-10470-C	DLM-4902		neat	1 mg, 5 mg
DLM-8985-C Vitamin D, (ergocalcifero) (6,19,19-D ₀ , 97%) neat 1 mg	DLM-9309		neat	Please inquire
DLM-8985 Vitamin D, (ergocalciferol) (in] 49-D, 97%) neat 1 mg ULM-9124-D Vitamin D, (ergocalciferol) (unlabeled) 1000 μg/mL in ethanol 1 mL ULM-9124-W Vitamin D, (ergocalciferol) (unlabeled) neat 1 mg, 5 mg, 10 mg DLM-10478-C Vitamin D, sulfate, sodium salt (ergocalciferol sulfate) 100 μg/mL in ethanol 1 mL ULM-10477-C Vitamin D, sulfate, sodium salt (ergocalciferol sulfate) (unlabeled) CP 97% 100 μg/mL in ethanol 1 mL ULM-10470-C Vitamin D, Cholecalciferol (23,24-V°C, 99%) CP 90% neat Please inquire CLM-10470-D Vitamin D, (cholecalciferol) (23,24-V°C, 99%) CP 97% 1000 μg/mL in ethanol 1 mL CLM-10470-C Vitamin D, (cholecalciferol) (32,24-V°C, 98%) CP 97% 1000 μg/mL in ethanol 1 mL DLM-853-C Vitamin D, (cholecalciferol) (19,19-D, 97%) CP 97% 1000 μg/mL in ethanol 1 mL DLM-10749-D Vitamin D, (cholecalciferol) (26,26,27-27,27-V-D, 98%) CP 95% 1000 μg/mL in ethanol 1 mL DLM-10749-D Vitamin D, (cholecalciferol) (26,26,26,27,27,27-V-D, 98%) CP 95% 1000 μg/mL in ethanol 1 mL ULM-9125-D Vitamin D, (cholecalciferol) (26,26,26,27,27,27-V-D,	DLM-8985-D	Vitamin D ₂ (ergocalciferol) (6,19,19-D ₃ , 97%)	1000 μg/mL in ethanol	1 mL
ULM-9124-CQ Vitamin D ₁ (ergocalciferol) (unlabeled) 1000 μg/mL in ethanol 1 mL ULM-9124 VItamin D ₂ (ergocalciferol) (unlabeled) neat 1 mg, 5 mg, 10 mg DLM-10478-C Vitamin D ₂ sulfate, sodium salt (ergocalciferol sulfate) (s.19,19-D ₂ ,98%) CP 97% 100 μg/mL in ethanol 1 mL ULM-10477-C Vitamin D ₂ sulfate, sodium salt (ergocalciferol sulfate) (unlabeled) CP 97% 100 μg/mL in ethanol 1 mL ULM-10477-C Vitamin D ₂ sulfate, sodium salt (ergocalciferol sulfate) (unlabeled) CP 97% 100 μg/mL in ethanol 1 mL CLM-10470-D Vitamin D ₂ (cholecalciferol) (23,24,25,26,26-C ₂ -9,98%) CP 97% 1000 μg/mL in ethanol 1 mL CLM-10470-D Vitamin D ₂ (cholecalciferol) (61,91,9-D ₂ ,97%) CP 97% 1000 μg/mL in ethanol 1 mL DLM-853-D Vitamin D ₂ (cholecalciferol) (61,91,9-D ₂ ,97%) CP 97% 1000 μg/mL in ethanol 1 mL DLM-10749-D Vitamin D ₂ (cholecalciferol) (26,26,26,27,27,27-D ₂ ,98%) CP 95% 1 mg/mL in ethanol 1 mL DLM-10749-C Vitamin D ₂ (cholecalciferol) (26,26,26,27,27,27-D ₂ ,98%) CP 95% 1 mg µg/mL in ethanol 1 mL ULM-9125-C Vitamin D ₂ (cholecalciferol) (unlabeled) 100 µg/mL in ethanol 1 mL	DLM-8985-C	Vitamin D ₂ (ergocalciferol) (6,19,19-D ₃ , 97%)	100 μg/mL in ethanol	1 mL
ULM-9124	DLM-8985	Vitamin D ₂ (ergocalciferol) (6,19,19-D ₃ , 97%)	neat	1 mg
ULM-9124 Vitamin D, (ergocalciferol) (unlabeled) neat 1 mg, 5 mg, 10 mg DLM-10478-C Vitamin D, sulfate, sodium salt (ergocalciferol sulfate) 100 μg/mL in ethanol 1 mL ULM-10477-C Vitamin D, sulfate, sodium salt (ergocalciferol sulfate) (unlabeled) CP 97% 100 μg/mL in ethanol 1 mL CLM-7850 Vitamin D, (cholecalciferol) (23,24,25,26,26-%-%, 98%) CP 97% 1000 μg/mL in ethanol 1 mL CLM-10470-D Vitamin D, (cholecalciferol) (23,24,25,26,26-%-Cg, 98%) CP 97% 100 μg/mL in ethanol 1 mL DLM-8853-D Vitamin D, (cholecalciferol) (61,91,91-9-D, 97%) CP 97% 100 μg/mL in ethanol 1 mL DLM-10749-D Vitamin D, (cholecalciferol) (61,91,91-9-D, 97%) CP 97% 100 μg/mL in ethanol 1 mL DLM-10749-C Vitamin D, (cholecalciferol) (26,26,26,27,27,27-D, 98%) CP 95% 1 mg/mL in ethanol 1 mL DLM-10749-C Vitamin D, (cholecalciferol) (26,26,26,27,27,27-D, 98%) CP 95% 1000 μg/mL in ethanol 1 mL DLM-9125-C Vitamin D, (cholecalciferol) (unlabeled) 1000 μg/mL in ethanol 1 mL DLM-9125-C Vitamin D, (cholecalciferol) (unlabeled) 100 μg/mL in ethanol 1 mL DLM-9125-C Vitamin E (u	ULM-9124-D	Vitamin D ₂ (ergocalciferol) (unlabeled)	1000 µg/mL in ethanol	1 mL
DLM-10478-C Vitamin D, sulfate, sodium salt (ergocalciferol sulfate) 100 μg/mL in ethanol 1 mL ULM-10477-C Vitamin D, sulfate, sodium salt (ergocalciferol sulfate) (unlabeled) CP 97% 100 μg/mL in ethanol 1 mL CLM-70470-D Vitamin D, (cholecalciferol) (23,24-½C,99%) CP 90% neat Please inquire CLM-10470-D Vitamin D, (cholecalciferol) (23,24-½C,52,62-61-℃,98%) CP 97% 1000 μg/mL in ethanol 1 mL CLM-10470-D Vitamin D, (cholecalciferol) (6,19,19-D,97%) CP 97% 1000 μg/mL in ethanol 1 mL DLM-8853-D Vitamin D, (cholecalciferol) (6,19,19-D,97%) CP 97% 1000 μg/mL in ethanol 1 mL DLM-10749-D Vitamin D, (cholecalciferol) (26,26,26,27,27,27-D,98%) CP 95% 1 mg/mL in ethanol 1 mL DLM-10749-D Vitamin D, (cholecalciferol) (26,26,26,27,27,27-D,98%) CP 95% 1000 μg/mL in ethanol 1 mL DLM-9125-D Vitamin D, (cholecalciferol) (anlabeled) 1000 μg/mL in ethanol 1 mL ULM-9125-C Vitamin D, (cholecalciferol) (unlabeled) 1000 μg/mL in ethanol 1 mL ULM-10475-C Vitamin D, (sholecalciferol) (unlabeled) 100 μg/mL in ethanol 1 mL ULM-10476-C Vitamin E, (unlabeled) <td>ULM-9124-C</td> <td>Vitamin D₂ (ergocalciferol) (unlabeled)</td> <td>100 μg/mL in ethanol</td> <td>1 mL</td>	ULM-9124-C	Vitamin D ₂ (ergocalciferol) (unlabeled)	100 μg/mL in ethanol	1 mL
(6,19,19-5), 98%) C P 97% Vitamin D, (sholecaliferol) (23,24-1°C, 99%) C P 90% neat Please inquire CLM-7850 Vitamin D, (sholecaliferol) (23,24-1°C, 99%) C P 90% neat Please inquire CLM-10470-D Vitamin D, (sholecaliferol) (23,24-1°C, 98%) C P 97% 1000 µg/mL in ethanol 1 mL CLM-10470-C Vitamin D, (sholecaliferol) (61,919-D, 97%) C P 97% 1000 µg/mL in ethanol 1 mL DLM-8853-D Vitamin D, (sholecaliferol) (61,919-D, 97%) C P 97% 1000 µg/mL in ethanol 1 mL DLM-10749-D Vitamin D, (sholecaliferol) (26,26,26,27,27,27-D, 98%) C P 95% 1 mg/mL in ethanol 1 mL DLM-10749-D Vitamin D, (sholecaliferol) (26,26,26,27,27,27-D, 98%) C P 95% 1 mg/mL in ethanol 1 mL DLM-10749-D Vitamin D, (sholecaliferol) (26,26,26,72,72,72-D, 98%) C P 95% 1 mg/mL in ethanol 1 mL ULM-9125-C Vitamin D, (sholecaliferol) (unlabeled) 1000 µg/mL in ethanol 1 mL ULM-9125-C Vitamin D, (sholecaliferol) (unlabeled) neat 1 mg ULM-9125-C Vitamin D, Sulfate, sodium salt (sholecaliferol sulfate) (unlabeled) C P 97% 100 µg/mL in ethanol 1 mL ULM-9125-C Vitamin E (a totopherol) (plephyl	ULM-9124	Vitamin D ₂ (ergocalciferol) (unlabeled)	neat	1 mg, 5 mg, 10 mg
CLM-7850 Vitamin D₂ (cholecalciferol) (23,24,2-13-C₂, 99%) CP 90% neat Please inquire CLM-10470-D Vitamin D₂ (cholecalciferol) (23,24,25,6,6-13-C₂, 98%) CP 97% 1000 μg/mL in ethanol 1 mL CLM-10470-C Vitamin D₂ (cholecalciferol) (6,19,19-D₂, 97%) CP 97% 1000 μg/mL in ethanol 1 mL DLM-8853-D Vitamin D₂ (cholecalciferol) (6,19,19-D₂, 97%) CP 97% 100 μg/mL in ethanol 1 mL DLM-10749-D Vitamin D₂ (cholecalciferol) (6,26,26,27,27,27-D₂, 98%) CP 95% 1 mg/mL in ethanol 1 mL DLM-10749-D Vitamin D₂ (cholecalciferol) (26,26,26,27,27,27-D₂, 98%) CP 95% 1 mg/mL in ethanol 1 mL DLM-10749-D Vitamin D₂ (cholecalciferol) (unlabeled) 1 m00 μg/mL in ethanol 1 mL DLM-10749-D Vitamin D₂ (cholecalciferol) (unlabeled) 100 μg/mL in ethanol 1 mL ULM-9125-D Vitamin D₂ (cholecalciferol) (unlabeled) neat 1 mg, 5 mg, 10 mg DLM-10475-C Vitamin D₂ sulfate, sodium salt (cholecalciferol sulfate) (unlabeled) 100 μg/mL in ethanol 1 mL ULM-10475-C Vitamin E (n-tocopherol) (trimethyl-1-C₂, peys) CP 96% neat 1 mg CLM-10274 Vitamin E (n-tocopherol) (trimethyl-1-C₂, peys)	DLM-10478-C	2	100 μg/mL in ethanol	1 mL
CLM-10470-D Vitamin D₂ (cholecalciferol) (23,24,25,26,26-1°C, 98%) CP 97% 1000 μg/mL in ethanol 1 mL CLM-10470-C Vitamin D₂ (cholecalciferol) (23,24,25,26,26-1°C, 98%) CP 97% 1000 μg/mL in ethanol 1 mL DLM-883-D Vitamin D₂ (cholecalciferol) (6,19,19-D₂, 97%) CP 97% 1000 μg/mL in ethanol 1 mL DLM-8853-C Vitamin D₂ (cholecalciferol) (26,26,26,27,27,27-D₂, 98%) CP 95% 1 mg/mL in ethanol 1 mL DLM-10749-D Vitamin D₂ (cholecalciferol) (26,26,26,27,27,27-D₂, 98%) CP 95% 1 mg/mL in ethanol 1 mL DLM-10749-C Vitamin D₂ (cholecalciferol) (cla,26,26,27,27,27-D₂, 98%) CP 95% 1000 μg/mL in ethanol 1 mL ULM-9125-D Vitamin D₂ (cholecalciferol) (unlabeled) 1000 μg/mL in ethanol 1 mL ULM-9125-C Vitamin D₂ (cholecalciferol) (unlabeled) neat 1 mg, 5 mg, 10 mg DLM-10474-C Vitamin D₂ (cholecalciferol) (unlabeled) neat 1 mg ULM-10474-C Vitamin D₂ sulfate, sodium salt (cholecalciferol sulfate) (unlabeled) CP 97% 100 μg/mL in ethanol 1 mg CLM-10273 Vitamin E (α-tocopherol) (trimethyl-1°C₂ p9%) CP 96% neat 1 mg CLM-10275 Vitamin E (α-tocopherol) (phenyl-1°C₂	ULM-10477-C	Vitamin D ₂ sulfate, sodium salt (ergocalciferol sulfate) (unlabeled) CP 97%	100 μg/mL in ethanol	1 mL
CLM-10470-C Vitamin D₂ (cholecalciferol) (23,24,25,26,26-1/C₂, 98%) CP 97% 100 μg/mL in ethanol 1 mL DLM-8853-D Vitamin D₃ (cholecalciferol) (6,19,19-D₂, 97%) CP 97% 1000 μg/mL in ethanol 1 mL DLM-8853-C Vitamin D₃ (cholecalciferol) (6,19,19-D₂, 97%) CP 97% 100 μg/mL in ethanol 1 mL DLM-10749-D Vitamin D₃ (cholecalciferol) (26,26,26,27,27,27-D₂, 98%) CP 95% 1 mg/mL in ethanol 1 mL DLM-10749-C Vitamin D₃ (cholecalciferol) (unlabeled) 1000 μg/mL in ethanol 1 mL ULM-9125-D Vitamin D₃ (cholecalciferol) (unlabeled) 1000 μg/mL in ethanol 1 mL ULM-9125-C Vitamin D₃ (cholecalciferol) (unlabeled) neat 1 mg, 5 mg, 10 mg ULM-9125-C Vitamin D₃ (cholecalciferol) (unlabeled) neat 1 mg, 5 mg, 10 mg ULM-9125-C Vitamin D₃ (cholecalciferol) (unlabeled) 100 μg/mL in ethanol 1 mL ULM-9125-C Vitamin D₃ (sublate, sodium salt (cholecalciferol sulfate) (unlabeled) CP 97% 100 μg/mL in ethanol 1 mL ULM-10475-C Vitamin E (a²-tocopherol) (trimethyl-Pa², phenyl, 99%) CP 96% neat 1 mg CLM-10273 Vitamin E (a²-tocopherol) (trimethyl-Pa², phenyl-Pa², phenyl-Pa², ph	CLM-7850	Vitamin D ₃ (cholecalciferol) (23,24- ¹³ C ₂ , 99%) CP 90%	neat	Please inquire
DLM-8853-D Vitamin D, (cholecalciferol) (6,19,19-D,, 97%) CP 97% 1000 μg/mL in ethanol 1 mL DLM-8853-C Vitamin D, (cholecalciferol) (6,19,19-D,, 97%) CP 97% 100 μg/mL in ethanol 1 mL DLM-10749-D Vitamin D, (cholecalciferol) (26,26,26,27,27,27-D _g , 98%) CP 95% 1 mg/mL in ethanol 1 mL DLM-10749-C Vitamin D, (cholecalciferol) (26,26,26,27,27,27-D _g , 98%) CP 95% 100 μg/mL in ethanol 1 mL ULM-9125-D Vitamin D, (cholecalciferol) (unlabeled) 100 μg/mL in ethanol 1 mL ULM-9125-C Vitamin D, (cholecalciferol) (unlabeled) neat 1 mg, 5 mg, 10 mg DLM-10475-C Vitamin D, sulfate, sodium salt (cholecalciferol sulfate) 100 μg/mL in ethanol 1 mL ULM-10475-C Vitamin D, sulfate, sodium salt (cholecalciferol sulfate) 100 μg/mL in ethanol 1 mL ULM-10474-C Vitamin E (m-tocopherol) (trimethylphenyl- ¹³ C ₂ , 99%) CP 96% neat 1 mg ULM-10274-C Vitamin E (m-tocopherol) (trimethylphenyl- ¹³ C ₂ , 99%) CP 96% neat 1 mg ULM-10275-C Vitamin E (m-tocopherol) (trimethylphenyl- ¹³ C ₂ , 99%) CP 96% neat 1 mg ULM-10275-C Vitamin E (m-tocopherol) (trimethylphenyl- ¹	CLM-10470-D	Vitamin D ₃ (cholecalciferol) (23,24,25,26,26-13C ₅ , 98%) CP 97%	1000 µg/mL in ethanol	1 mL
DLM-8853-C Vitamin D₂ (cholecalciferol) (6,19,19-D₂, 97%) CP 97% 100 μg/mL in ethanol 1 mL DLM-10749-D Vitamin D₂ (cholecalciferol) (26,26,26,27,27,27-D₂, 98%) CP 95% 1 mg/mL in ethanol 1 mL DLM-10749-C Vitamin D₂ (cholecalciferol) (26,26,26,27,27,27-D₂, 98%) CP 95% 100 μg/mL in ethanol 1 mL ULM-9125-D Vitamin D₂ (cholecalciferol) (unlabeled) 1000 μg/mL in ethanol 1 mL ULM-9125-C Vitamin D₂ (cholecalciferol) (unlabeled) neat 1 mg, 5 mg, 10 mg ULM-9125-C Vitamin D₂ (cholecalciferol) (unlabeled) neat 1 mg, 5 mg, 10 mg ULM-1047-C Vitamin D₂ sulfate, sodium salt (cholecalciferol sulfate) (unlabeled) CP 97% 100 μg/mL in ethanol 1 mL ULM-1047-C Vitamin D₂ sulfate, sodium salt (cholecalciferol sulfate) (unlabeled) CP 97% 100 μg/mL in ethanol 1 mg ULM-1027-C Vitamin E (c-tocopherol) (trimethylphenyl-i²C₂, 99%) CP 96% neat 1 mg ULM-10273 Vitamin E (c-tocopherol) (trimethyl-phenyl-i²C₂, 99%) CP 96% neat 1 mg ULM-10274 Vitamin E (c-tocopherol) (trimethyl-i²C₂, 99%) CP 96% neat 2 mg, 5 mg, 10 mg ULM-10275 Vitamin E (c-tocopherol) (trimethylphen	CLM-10470-C	Vitamin D ₃ (cholecalciferol) (23,24,25,26,26-13C ₅ , 98%) CP 97%	100 μg/mL in ethanol	1 mL
DLM-10749-D Vitamin D₃ (cholecalciferol) (26,26,27,27,27-D₀, 98%) CP 95% 1 mg/mL in ethanol 1 mL DLM-10749-C Vitamin D₃ (cholecalciferol) (26,26,26,27,27,27-D₀, 98%) CP 95% 100 μg/mL in ethanol 1 mL ULM-9125-D Vitamin D₃ (cholecalciferol) (unlabeled) 1000 μg/mL in ethanol 1 mL ULM-9125-C Vitamin D₃ (cholecalciferol) (unlabeled) 100 μg/mL in ethanol 1 mL ULM-9125-C Vitamin D₃ (cholecalciferol) (unlabeled) neat 1 mg, 5 mg, 10 mg DLM-10475-C Vitamin D₃ sulfate, sodium salt (cholecalciferol sulfate) 100 μg/mL in ethanol 1 mL ULM-10474-C Vitamin D₃ sulfate, sodium salt (cholecalciferol sulfate) 100 μg/mL in ethanol 1 mg ULM-10474-C Vitamin E (chocopherol) (trimethyl-breyl-¹²C₂, 99%) CP 96% neat 1 mg ULM-10273 Vitamin E (chocopherol) (trimethyl-breyl-90, 99%) CP 96% neat 1 mg ULM-10275 Vitamin E (chocopherol) (trimethyl-breyl-90, 99%) CP 96% neat 1 mg ULM-10276 Vitamin E (chocopherol) (trimethyl-breyl-90, 99%) CP 96% neat 1 mg ULM-10276 Vitamin E (chocopherol) (dimethyl-12c₂, 99%; dimethyl-De₂, 98%) 100 μg/mL in methanol<	DLM-8853-D	Vitamin D ₃ (cholecalciferol) (6,19,19-D ₃ , 97%) CP 97%	1000 µg/mL in ethanol	1 mL
DLM-10749-C Vitamin D₃ (cholecalciferol) (26,26,26,27,27,27-De₂, 98%) CP 95% 100 μg/mL in ethanol 1 mL ULM-9125-D Vitamin D₃ (cholecalciferol) (unlabeled) 1000 μg/mL in ethanol 1 mL ULM-9125-C Vitamin D₃ (cholecalciferol) (unlabeled) neat 1 mg, 5 mg, 10 mg ULM-9125-C Vitamin D₃ (cholecalciferol) (unlabeled) neat 1 mg, 5 mg, 10 mg DLM-10475-C Vitamin D₃ sulfate, sodium salt (cholecalciferol sulfate) (unlabeled) CP 97% 100 μg/mL in ethanol 1 mL ULM-10474-C Vitamin D₃ sulfate, sodium salt (cholecalciferol sulfate) (unlabeled) CP 97% 100 μg/mL in ethanol 1 mg ULM-10474-C Vitamin E (the cocopherol) (trimethyl-i²C₃, 99%) CP 96% neat 1 mg ULM-10273 Vitamin E (the cocopherol) (trimethyl-i²C₃, 99%) CP 96% neat 1 mg ULM-10275 Vitamin E (α-tocopherol) (trimethyl-i²C₃, 99%) CP 96% neat 1 mg ULM-10276 Vitamin E (α-tocopherol) (trimethyl-i²C₃, 99%) GP 96% neat 1 mg ULM-9127-1 Vitamin E (α-tocopherol) (trimethyl-i²C₃, 99%) dimethyl-Dø₃, 98%) 100 μg/mL in methanol 1.2 mL ULM-9127-1 Vitamin E (α-tocopherol) (dimethyl-i²C₃, 99%) dimethyl-Dø₃, 98%) <td>DLM-8853-C</td> <td>Vitamin D₃ (cholecalciferol) (6,19,19-D₃, 97%) CP 97%</td> <td>100 μg/mL in ethanol</td> <td>1 mL</td>	DLM-8853-C	Vitamin D ₃ (cholecalciferol) (6,19,19-D ₃ , 97%) CP 97%	100 μg/mL in ethanol	1 mL
ULM-9125-D Vitamin D₃ (cholecalciferol) (unlabeled) 1000 μg/mL in ethanol 1 mL ULM-9125-C Vitamin D₃ (cholecalciferol) (unlabeled) 100 μg/mL in ethanol 1 mg, 5 mg, 10 mg ULM-9125 Vitamin D₃ (cholecalciferol) (unlabeled) neat 1 mg, 5 mg, 10 mg DLM-10475-C Vitamin D₃ sulfate, sodium salt (cholecalciferol sulfate) (6,19,19-D₃, 98%) CP 97% 100 μg/mL in ethanol 1 mL ULM-10474-C Vitamin E (OL-α-tocopherol) (trimethyl-Phonyl-13C₃, 99%) CP 96% neat 1 mg CLM-10273 Vitamin E (α-tocopherol) (trimethyl-13C₃, 99hoyl, 299%) CP 96% neat 1 mg CLM-10275 Vitamin E (α-tocopherol) (phonyl-13C₄, 99%) CP 96% neat 1 mg CLM-10276 Vitamin E (α-tocopherol) (phonyl-13C₄, 99%) CP 96% neat 1 mg CLM-10276 Vitamin E (α-tocopherol) (phonyl-13C₄, 99%) CP 96% neat 1 mg CLM-10276 Vitamin E (α-tocopherol) (ghenyl-13C₄, 99%) CP 96% neat 1 mg CLM-10276 Vitamin E (α-tocopherol) (ghenyl-13C₄, 99%) Gry 96% neat 1 mg DLM-9126 Vitamin E (α-tocopherol) (ghenyl-13C₄, 99%) Gry 96% neat 1 mg, 5 mg, 10 mg DLM-9	DLM-10749-D	Vitamin D ₃ (cholecalciferol) (26,26,26,27,27,27-D ₆ , 98%) CP 95%	1 mg/mL in ethanol	1 mL
ULM-9125-C Vitamin D₃ (cholecalciferol) (unlabeled) 100 μg/mL in ethanol 1 mg, 5 mg, 10 mg ULM-9125 Vitamin D₃ (cholecalciferol) (unlabeled) neat 1 mg, 5 mg, 10 mg DLM-10475-C Vitamin D₃ sulfate, sodium salt (cholecalciferol sulfate) (unlabeled) CP 97% 100 μg/mL in ethanol 1 mL ULM-10474-C Vitamin D₃ sulfate, sodium salt (cholecalciferol sulfate) (unlabeled) CP 97% 100 μg/mL in ethanol 1 mg CLM-10274 Vitamin E (DL-α-tocopherol) (trimethylphenyl-¹³C₃, 99%) CP 96% neat 1 mg CLM-10273 Vitamin E (α-tocopherol) (trimethylphenyl-¹³C₃, 99%) CP 96% neat 1 mg CLM-10276 Vitamin E (α-tocopherol) (trimethylphenyl-¹²C₃, 99%) CP 96% neat 1 mg CLM-10276 Vitamin E (α-tocopherol) (trimethylphenyl-¹²C₃, 99%) CP 96% neat 1 mg DLM-9126 Vitamin E (α-tocopherol) (trimethyl-¹²C₃, 99%; dimethyl-D₃, 98%) 100 μg/mL in methanol 1.2 mL ULM-9127-1 Vitamin E (α-tocopherol) (dimethyl-¹²C₃, 99%; dimethyl-D₃, 98%) 100 μg/mL in methanol 1.2 mL ULM-9127-1 Vitamin E (α-tocopherol) (dimethyl-¹²C₃, 99%; dimethyl-D₃, 98%) neat 1 mg DLM-9127-1 Vitamin E (α-tocopherol) (co	DLM-10749-C	Vitamin D ₃ (cholecalciferol) (26,26,26,27,27,27-D ₆ , 98%) CP 95%	100 μg/mL in ethanol	1 mL
ULM-9125 Vitamin D ₃ (cholecalciferol (unlabeled) neat 1 mg, 5 mg, 10 mg DLM-10475-C Vitamin D ₃ sulfate, sodium salt (cholecalciferol sulfate) ((6,19,19-D ₃ , 98%) CP 97% 100 μg/mL in ethanol 1 mL ULM-10474-C Vitamin E (DL-α-tocopherol) (trimethyl-phenyl-1²C ₃ , 99%) CP 96% neat 1 mg CLM-10274 Vitamin E (α-tocopherol) (trimethyl-phenyl-1²C ₃ , p99%) CP 96% neat 1 mg CLM-10275 Vitamin E (α-tocopherol) (phenyl-1²C ₃ , p99%) CP 96% neat 1 mg CLM-10276 Vitamin E (α-tocopherol) (trimethyl-phenyl-1²C ₃ , p99%) CP 96% neat 1 mg CLM-10276 Vitamin E (α-tocopherol) (trimethyl-phenyl-1²C ₃ , p99%) CP 96% neat 2 mg, 5 mg, 10 mg DLM-9126 Vitamin E (α-tocopherol) (trimethyl-1²C ₃ , p99%) CP 96% neat 2 mg, 5 mg, 10 mg DLM-9127-1.2 Vitamin E (α-tocopherol) (dimethyl-1²C ₃ , p99%) dimethyl-D ₆ , 98%) 100 μg/mL in methanol 1.2 mL ULM-9127-1.2 Vitamin E (α-tocopherol) (unlabeled) CP 96% neat 1 mg, 5 mg, 10 mg DLM-1054-1.2 Vitamin E (α-tocopherol acetate) (acetyl-D ₃ , 98%) 100 μg/mL in methanol 1.2 mL ULM-11055-1.2 Vitamin E (α-tocopherol acetate)	ULM-9125-D	Vitamin D ₃ (cholecalciferol) (unlabeled)	1000 μg/mL in ethanol	1 mL
DLM-10475-C Vitamin D₃ sulfate, sodium salt (cholecalciferol sulfate) (6,19,19-D₃, 98%) CP 97% 100 μg/mL in ethanol 1 mL ULM-10474-C Vitamin D₃ sulfate, sodium salt (cholecalciferol sulfate) (unlabeled) CP 97% 100 μg/mL in ethanol 1 mL CLM-10274 Vitamin E (ΩL-α-tocopherol) (trimethylphenyl-¹²C₃, 99%) CP 96% neat 1 mg CLM-10273 Vitamin E (α-tocopherol) (trimethyl-¹²C₃, phenyl, 99%) CP 96% neat 1 mg CLM-10275 Vitamin E (α-tocopherol) (trimethylphenyl-¹²C₃, 99%) CP 96% neat 1 mg CLM-10276 Vitamin E (α-tocopherol) (trimethylphenyl-¹²C₃, 99%) CP 96% neat 2 mg, 5 mg, 10 mg CLM-10276 Vitamin E (α-tocopherol) (trimethylphenyl-¹²C₃, 99%) CP 96% neat 2 mg, 5 mg, 10 mg CLM-11053-1.2 Vitamin E (α-tocopherol) (dimethyl-¹²C₃, 99%; dimethyl-D₆, 98%) 100 μg/mL in methanol 1.2 mL ULM-9127-1.2 Vitamin E (α-tocopherol) (unlabeled) CP 96% neat 1 mg, 5 mg, 10 mg DLM-8847 Vitamin E (α-tocopherol acetate) (acetyl-D₃, 98%) 100 μg/mL in methanol 1.2 mL ULM-11054-1.2 Vitamin E acetate (α-tocopherol acetate) (unlabeled) 100 μg/mL in methanol 1.2 mL ULM-9104-1.3 <	ULM-9125-C	Vitamin D ₃ (cholecalciferol) (unlabeled)	100 μg/mL in ethanol	1 mL
(6,19,19-D3, 98%) CP 97% ULM-10474-C Vitamin D3 sulfate, sodium salt (cholecalciferol sulfate) (unlabeled) CP 97% 100 μg/mL in ethanol 1 mL CLM-10274 Vitamin E (D1-α-tocopherol) (trimethylphenyl-13C3, 99%) CP 96% neat 1 mg CLM-10273 Vitamin E (α-tocopherol) (trimethyl-13C3 phenyl, 99%) CP 96% neat 1 mg CLM-10275 Vitamin E (α-tocopherol) (phenyl-13C4, 99%) CP 96% neat 1 mg CLM-10276 Vitamin E (α-tocopherol) (trimethylphenyl-13C3, 99%) CP 96% neat 1 mg DLM-9126 Vitamin E (α-tocopherol) (5-methyl-D3, 7-methyl-D3, 98%) neat 2 mg, 5 mg, 10 mg DLM-9127 Vitamin E (α-tocopherol) (dimethyl-13C2, 99%; dimethyl-D6, 98%) 100 μg/mL in methanol 1.2 mL ULM-9127 1.2 Vitamin E (α-tocopherol) (unlabeled) neat 1 mg, 5 mg, 10 mg DLM-8847 Vitamin E acetate (α-tocopherol acetate) (acetyl-D3, 98%) 100 μg/mL in methanol 1.2 mL ULM-11055-1.2 Vitamin E acetate (α-tocopherol acetate) (acetyl-D3, 98%) 100 μg/mL in methanol 1.2 mL ULM-9105-1.2 Vitamin E (α-tocopherol acetate) (acetyl-D3, 98%) 100 μg/mL in methanol 1.2 mL ULM-9105-	ULM-9125	Vitamin D ₃ (cholecalciferol) (unlabeled)	neat	1 mg, 5 mg, 10 mg
CLM-10274 Vitamin E (DL-α-tocopherol) (trimethylphenyl-¹³C₃, 99%) CP 96% neat 1 mg CLM-10273 Vitamin E (α-tocopherol) (trimethyl-¹³C₃, 99%) CP 96% neat 1 mg CLM-10275 Vitamin E (α-tocopherol) (phenyl-¹³C₆, 99%) CP 96% neat 1 mg CLM-10276 Vitamin E (α-tocopherol) (trimethyl-D₃, 7-methyl-D₃, 99%) CP 96% neat 2 mg, 5 mg, 10 mg DLM-9126 Vitamin E (α-tocopherol) (5-methyl-1³C₂, 99%; dimethyl-D₆, 98%) 100 μg/mL in methanol 1.2 mL ULM-9127-1.2 Vitamin E (α-tocopherol) (unlabeled) 100 μg/mL in methanol 1.2 mL ULM-9127-1.2 Vitamin E (α-tocopherol) (unlabeled) CP 96% neat 1 mg, 5 mg, 10 mg DLM-8847 Vitamin E α-tocopherol (unlabeled) CP 96% neat 1 mg, 5 mg, 10 mg DLM-1054-1.2 Vitamin E acetate (α-tocopherol acetate) (acetyl-D₃, 98%) neat 1.2 mL ULM-9105-1.2 Vitamin E acetate (α-tocopherol acetate) (unlabeled) 100 μg/mL in methanol 1.2 mL CLM-9566 Vitamin E acetate (α-tocopherol acetate) (unlabeled) 100 μg/mL in methanol 1.2 mL CLM-9566 Vitamin K₁ (phylloquinone) (4α,5,6,7,8,8α-¹²C₆, 99%) neat 1 mg <td>DLM-10475-C</td> <td></td> <td>100 μg/mL in ethanol</td> <td>1 mL</td>	DLM-10475-C		100 μg/mL in ethanol	1 mL
CLM-10273 Vitamin E (α-tocopherol) (trimethyl-1³C₂ phenyl, 99%) CP 96% neat 1 mg CLM-10275 Vitamin E (α-tocopherol) (phenyl-1³C₂, 99%) CP 96% neat 1 mg CLM-10276 Vitamin E (α-tocopherol) (trimethylphenyl-1³C₂, 99%) CP 96% neat 1 mg DLM-9126 Vitamin E (α-tocopherol) (5-methyl-D₃, 7-methyl-D₃, 98%) neat 2 mg, 5 mg, 10 mg CDLM-11053-1.2 Vitamin E (α-tocopherol) (dimethyl-1³C₂, 99%; dimethyl-D₆, 98%) 100 μg/mL in methanol 1.2 mL ULM-9127-1.2 Vitamin E (α-tocopherol) (unlabeled) 100 μg/mL in methanol 1.2 mL ULM-9127 Vitamin E (α-tocopherol) (unlabeled) neat 1 mg, 5 mg, 10 mg DLM-8847 Vitamin E acetate (α-tocopherol acetate) (acetyl-D₃, 98%) neat Please inquire CDLM-11054-1.2 Vitamin E acetate (α-tocopherol acetate) (acetyl-D₆, 98%) 100 μg/mL in methanol 1.2 mL ULM-11055-1.2 Vitamin E acetate (α-tocopherol acetate) (unlabeled) 100 μg/mL in methanol 1.2 mL CLM-9566 Vitamin K₁ (phylloquinone) (4α,5,6,7,8,8α-1³C₀, 99%) neat 1 mg DLM-7702 Vitamin K₁ (phylloquinone) (ring-D₄, 98%) neat 1 mg, 5 mg, 10 mg	ULM-10474-C	Vitamin D ₃ sulfate, sodium salt (cholecalciferol sulfate) (unlabeled) CP 97%	100 μg/mL in ethanol	1 mL
CLM-10275 Vitamin E (α -tocopherol) (phenyl- $^{13}C_6$, 99%) CP 96% neat 1 mg CLM-10276 Vitamin E (α -tocopherol) (trimethylphenyl- $^{13}C_9$, 99%) CP 96% neat 1 mg DLM-9126 Vitamin E (α -tocopherol) (5-methyl-D $_3$, 7-methyl-D $_3$, 98%) neat 2 mg, 5 mg, 10 mg CDLM-11053-1.2 Vitamin E (α -tocopherol) (dimethyl- $^{13}C_9$, 99%; dimethyl-D $_6$, 98%) 100 µg/mL in methanol 1.2 mL ULM-9127-1.2 Vitamin E (α -tocopherol) (unlabeled) 100 µg/mL in methanol 1.2 mL ULM-9127 Vitamin E (α -tocopherol) (unlabeled) CP 96% neat 1 mg, 5 mg, 10 mg DLM-8847 Vitamin E acetate (α -tocopherol acetate) (acetyl-D $_3$, 98%) neat Please inquire CDLM-11054-1.2 Vitamin E acetate (α -tocopherol acetate) (acetyl-D $_3$, 98%) neat 1.2 mL ULM-9155-1.2 Vitamin E acetate (α -tocopherol acetate) (unlabeled) 100 µg/mL in methanol 1.2 mL CLM-9566 Vitamin K $_1$ (phylloquinone) (4 α ,5,6,7,8,8 α - $^{13}C_6$, 99%) neat 1 mg DLM-9130 Vitamin K $_1$ (phylloquinone) (iring-D $_4$, 98%) neat 1 mg, 5 mg, 10 mg ULM-9131 Vitamin K $_2$ (menaquinone) MK-4) (4',5,6,7,8,8'- $^{13}C_6$, 99%) CP 95% neat 1 mg DLM-10379 Vitamin K $_2$ (menaquinone MK-4) (4',5,6,7,8,8'- $^{13}C_6$, 99%) CP 95% neat 1 mg CLM-10377 Vitamin K $_2$ (menaquinone MK-7) (4',5,6,7,8,8'- $^{13}C_6$, 99%) CP 95% neat 1 mg	CLM-10274	Vitamin E (DL-α-tocopherol) (trimethylphenyl- ¹³ C ₃ , 99%) CP 96%	neat	1 mg
CLM-10276 Vitamin E (α-tocopherol) (trimethylphenyl-¹³C₃, 99%) CP 96% neat 1 mg DLM-9126 Vitamin E (α-tocopherol) (5-methyl-D₃, 7-methyl-D₃, 98%) neat 2 mg, 5 mg, 10 mg CDLM-11053-1.2 Vitamin E (α-tocopherol) (dimethyl-¹³C₂, 99%; dimethyl-D₆, 98%) 100 μg/mL in methanol 1.2 mL ULM-9127-1.2 Vitamin E (α-tocopherol) (unlabeled) 100 μg/mL in methanol 1.2 mL ULM-9127 Vitamin E (α-tocopherol) (unlabeled) neat 1 mg, 5 mg, 10 mg DLM-8847 Vitamin E acetate (α-tocopherol acetate) (acetyl-D₃, 98%) neat Please inquire CDLM-11054-1.2 Vitamin E acetate (α-tocopherol acetate) (and tyl-¹³C₂, 99%; dimethyl-D₆, 98%) 100 μg/mL in methanol 1.2 mL ULM-11055-1.2 Vitamin E acetate (α-tocopherol acetate) (unlabeled) 100 μg/mL in methanol 1.2 mL CLM-9566 Vitamin K₁ (phylloquinone) (4α,5,6,7,8,8α-¹³C₆, 99%) neat 1 mg DLM-7702 Vitamin K₁ (phylloquinone) (ring-D₄, 98%) neat 1 mg, 5 mg, 10 mg DLM-9130 Vitamin K₁ (phylloquinone) (D₂, 99%) CP 97% neat 1 mg, 5 mg, 10 mg CLM-10376 Vitamin K₂ (menaquinone MK-4) (4′,5,6,7,8,8′-¹³C₆, 99%) CP 95% neat<	CLM-10273	Vitamin E (α -tocopherol) (trimethyl- 13 C $_3$ phenyl, 99%) CP 96%	neat	1 mg
DLM-9126Vitamin E (α-tocopherol) (5-methyl-D₃, 7-methyl-D₃, 98%)neat2 mg, 5 mg, 10 mgCDLM-11053-1.2Vitamin E (α-tocopherol) (dimethyl- 13 C₂, 99%; dimethyl-D₆, 98%)100 μg/mL in methanol1.2 mLULM-9127-1.2Vitamin E (α-tocopherol) (unlabeled)100 μg/mL in methanol1.2 mLULM-9127Vitamin E (α-tocopherol) (unlabeled) CP 96%neat1 mg, 5 mg, 10 mgDLM-8847Vitamin E acetate (α-tocopherol acetate) (acetyl-D₃, 98%)neatPlease inquireCDLM-11054-1.2Vitamin E acetate (α-tocopherol acetate) (acetyl-D₃, 98%)100 μg/mL in methanol1.2 mLULM-11055-1.2Vitamin E acetate (α-tocopherol acetate) (unlabeled)100 μg/mL in methanol1.2 mLCLM-9566Vitamin K₁ (phylloquinone) (4α,5,6,7,8,8α- 13 C₆, 99%)neat1 mgDLM-7702Vitamin K₁ (phylloquinone) (ring-D₄, 98%)neat1 mgDLM-9130Vitamin K₁ (phylloquinone) (D₂, 99%) CP 97%neat1 mg, 5 mg, 10 mgULM-9131Vitamin K₁ (phylloquinone) (unlabeled) CP 97%neat1 mg, 5 mg, 10 mgCLM-10376Vitamin K₂ (menaquinone MK-4) (4',5,6,7,8,8'-1³C₆, 99%) CP 95%neat1 mgDLM-10379Vitamin K₂ (menaquinone MK-4) (5,6,7,8-D₄, 2-methyl-D₃, 98%) CP 95%neat1 mgCLM-10377Vitamin K₂ (menaquinone MK-7) (4',5,6,7,8,8'-1³C₆, 99%) CP 95%neat1 mg	CLM-10275	Vitamin E (α-tocopherol) (phenyl- ¹³ C ₆ , 99%) CP 96%	neat	1 mg
CDLM-11053-1.2Vitamin E (α-tocopherol) (dimethyl- 13 C2, 99%; dimethyl-D6, 98%)100 μg/mL in methanol1.2 mLULM-9127-1.2Vitamin E (α-tocopherol) (unlabeled)100 μg/mL in methanol1.2 mLULM-9127Vitamin E (α-tocopherol) (unlabeled) CP 96%neat1 mg, 5 mg, 10 mgDLM-8847Vitamin E acetate (α-tocopherol acetate) (acetyl-D3, 98%)neatPlease inquireCDLM-11054-1.2Vitamin E acetate (α-tocopherol acetate) (acetyl-D6, 98%)100 μg/mL in methanol1.2 mLULM-11055-1.2Vitamin E acetate (α-tocopherol acetate) (unlabeled)100 μg/mL in methanol1.2 mLCLM-9566Vitamin K1, (phylloquinone) (4α,5,6,7,8,8α- 13 C6, 99%)neat1 mgDLM-7702Vitamin K1, (phylloquinone) (ring-D4, 98%)neat1 mgDLM-9130Vitamin K1, (phylloquinone) (D7, 99%) CP 97%neat1 mg, 5 mg, 10 mgULM-9131Vitamin K2, (menaquinone MK-4) (4',5,6,7,8,8'- 13 C6, 99%) CP 95%neat1 mgDLM-10376Vitamin K2, (menaquinone MK-4) (4',5,6,7,8-D4, 2-methyl-D3, 98%) CP 95%neat1 mgCLM-10377Vitamin K2, (menaquinone MK-7) (4',5,6,7,8-D4, 2-methyl-D3, 98%) CP 95%neat1 mg	CLM-10276	Vitamin E (α-tocopherol) (trimethylphenyl-13C ₉ , 99%) CP 96%	neat	1 mg
ULM-9127-1.2Vitamin E (α-tocopherol) (unlabeled)100 μg/mL in methanol1.2 mLULM-9127Vitamin E (α-tocopherol) (unlabeled) CP 96%neat1 mg, 5 mg, 10 mgDLM-8847Vitamin E acetate (α-tocopherol acetate) (acetyl-D₃, 98%)neatPlease inquireCDLM-11054-1.2Vitamin E acetate (α-tocopherol acetate) (dimethyl-D₆, 98%)100 μg/mL in methanol1.2 mLULM-11055-1.2Vitamin E acetate (α-tocopherol acetate) (unlabeled)100 μg/mL in methanol1.2 mLCLM-9566Vitamin K₁ (phylloquinone) (4α,5,6,7,8,8α- 13 C₆, 99%)neat1 mgDLM-7702Vitamin K₁ (phylloquinone) (ring-D₄, 98%)neat1 mgDLM-9130Vitamin K₁ (phylloquinone) (Dȝ, 99%) CP 97%neat1 mg, 5 mg, 10 mgULM-9131Vitamin K₁ (phylloquinone) (unlabeled) CP 97%neat1 mg, 5 mg, 10 mgCLM-10376Vitamin K₂ (menaquinone MK-4) (4',5,6,7,8,8'-1³C₆, 99%) CP 95%neat1 mgDLM-10379Vitamin K₂ (menaquinone MK-4) (5,6,7,8-D₄, 2-methyl-D₃, 98%) CP 95%neat1 mgCLM-10377Vitamin K₂ (menaquinone MK-7) (4',5,6,7,8,8'-1³C₆, 99%) CP 95%neat1 mg	DLM-9126	Vitamin E (α-tocopherol) (5-methyl-D ₃ , 7-methyl-D ₃ , 98%)	neat	2 mg, 5 mg, 10 mg
ULM-9127Vitamin E (α-tocopherol) (unlabeled) CP 96%neat1 mg, 5 mg, 10 mgDLM-8847Vitamin E acetate (α-tocopherol acetate) (acetyl-D₃, 98%)neatPlease inquireCDLM-11054-1.2Vitamin E acetate (α-tocopherol acetate) (dimethyl- 13 C₂, acetyl- 13 C₂, 99%; dimethyl-D₆, 98%)100 μg/mL in methanol1.2 mLCLM-9566Vitamin K₁ (phylloquinone) (4α,5,6,7,8,8α- 13 C₆, 99%)neat1 mgDLM-7702Vitamin K₁ (phylloquinone) (ring-D₄, 98%)neat1 mgDLM-9130Vitamin K₁ (phylloquinone) (D₂, 99%) CP 97%neat1 mg, 5 mg, 10 mgULM-9131Vitamin K₁ (phylloquinone) (unlabeled) CP 97%neat1 mg, 5 mg, 10 mgCLM-10376Vitamin K₂ (menaquinone MK-4) (4',5,6,7,8,8'- 13 C₆, 99%) CP 95%neat1 mgDLM-10379Vitamin K₂ (menaquinone MK-4) (5,6,7,8-D₄, 2-methyl-D₃, 98%) CP 95%neat1 mgCLM-10377Vitamin K₂ (menaquinone MK-7) (4',5,6,7,8,8'- 13 C₆, 99%) CP 95%neat1 mg	CDLM-11053-1.2	Vitamin E (α -tocopherol) (dimethyl- 13 C ₂ , 99%; dimethyl-D ₆ , 98%)	100 μg/mL in methanol	1.2 mL
DLM-8847Vitamin E acetate (α-tocopherol acetate) (acetyl-D₃, 98%)neatPlease inquireCDLM-11054-1.2Vitamin E acetate (α-tocopherol acetate) (dimethyl- 13 C₂, acetyl- 13 C₂, 99%; dimethyl-D₆, 98%)100 μg/mL in methanol1.2 mLULM-11055-1.2Vitamin E acetate (α-tocopherol acetate) (unlabeled)100 μg/mL in methanol1.2 mLCLM-9566Vitamin K₁ (phylloquinone) (4α,5,6,7,8,8α- 13 C₆, 99%)neat1 mgDLM-7702Vitamin K₁ (phylloquinone) (ring-D₄, 98%)neat1 mgDLM-9130Vitamin K₁ (phylloquinone) (D₂, 99%) CP 97%neat1 mg, 5 mg, 10 mgULM-9131Vitamin K₁ (phylloquinone) (unlabeled) CP 97%neat1 mg, 5 mg, 10 mgCLM-10376Vitamin K₂ (menaquinone MK-4) (4¹,5,6,7,8,8¹-¹³C₆, 99%) CP 95%neat1 mgDLM-10379Vitamin K₂ (menaquinone MK-4) (5,6,7,8-D₄, 2-methyl-D₃, 98%) CP 95%neat1 mgCLM-10377Vitamin K₂ (menaquinone MK-7) (4¹,5,6,7,8,8¹-¹³C₆, 99%) CP 95%neat1 mg	ULM-9127-1.2	Vitamin E (α-tocopherol) (unlabeled)	100 μg/mL in methanol	1.2 mL
CDLM-11054-1.2 Vitamin E acetate (α-tocopherol acetate) (dimethyl- 13 C ₂ , acetyl- 13 C ₂ , 99%; dimethyl-D ₆ , 98%) ULM-11055-1.2 Vitamin E acetate (α-tocopherol acetate) (unlabeled) 100 μg/mL in methanol 1.2 mL LM-9566 Vitamin K ₁ (phylloquinone) (4 α,5,6,7,8,8α- 13 C ₆ , 99%) 100 μg/mL in methanol 1.2 mL 1 mg LM-7702 Vitamin K ₁ (phylloquinone) (ring-D ₄ , 98%) 1 meat 1 mg DLM-9130 Vitamin K ₁ (phylloquinone) (D ₇ , 99%) CP 97% 1 meat 1 mg, 5 mg, 10 mg ULM-9131 Vitamin K ₁ (phylloquinone) (unlabeled) CP 97% 1 mg, 5 mg, 10 mg CLM-10376 Vitamin K ₂ (menaquinone MK-4) (4 ,5,6,7,8,8'- 13 C ₆ , 99%) CP 95% 1 meat 1 mg LM-10377 Vitamin K ₂ (menaquinone MK-4) (4 ,5,6,7,8,8'- 13 C ₆ , 99%) CP 95% 1 neat 1 mg	ULM-9127	Vitamin E (α-tocopherol) (unlabeled) CP 96%	neat	1 mg, 5 mg, 10 mg
(dimethyl-¹³C₂, acetyl-¹³C₂, 99%; dimethyl-D₀, 98%) ULM-11055-1.2 Vitamin E acetate (α-tocopherol acetate) (unlabeled) 100 μg/mL in methanol 1.2 mL CLM-9566 Vitamin K₁ (phylloquinone) (4α,5,6,7,8,8α-¹³C₆, 99%) neat 1 mg DLM-7702 Vitamin K₁ (phylloquinone) (ring-D₄, 98%) neat 1 mg DLM-9130 Vitamin K₁ (phylloquinone) (D₂, 99%) CP 97% neat 1 mg, 5 mg, 10 mg ULM-9131 Vitamin K₁ (phylloquinone) (unlabeled) CP 97% neat 1 mg, 5 mg, 10 mg CLM-10376 Vitamin K₂ (menaquinone MK-4) (4',5,6,7,8,8'-¹³C₆, 99%) CP 95% neat 1 mg DLM-10379 Vitamin K₂ (menaquinone MK-4) (5,6,7,8-D₄, 2-methyl-D₃, 98%) CP 95% neat 1 mg CLM-10377 Vitamin K₂ (menaquinone MK-7) (4',5,6,7,8,8'-¹³C₆, 99%) CP 95% neat 1 mg	DLM-8847	Vitamin E acetate (α-tocopherol acetate) (acetyl-D ₃ , 98%)	neat	Please inquire
CLM-9566 Vitamin K₁ (phylloquinone) (4α,5,6,7,8,8α-¹³C₀, 99%) neat 1 mg DLM-7702 Vitamin K₁ (phylloquinone) (ring-D₄, 98%) neat 1 mg DLM-9130 Vitamin K₁ (phylloquinone) (D₂, 99%) CP 97% neat 1 mg, 5 mg, 10 mg ULM-9131 Vitamin K₁ (phylloquinone) (unlabeled) CP 97% neat 1 mg, 5 mg, 10 mg CLM-10376 Vitamin K₂ (menaquinone MK-4) (4',5,6,7,8,8'-¹³C₀, 99%) CP 95% neat 1 mg DLM-10379 Vitamin K₂ (menaquinone MK-4) (5,6,7,8-D₄, 2-methyl-D₃, 98%) CP 95% neat 1 mg CLM-10377 Vitamin K₂ (menaquinone MK-7) (4',5,6,7,8,8'-¹³C₀, 99%) CP 95% neat 1 mg	CDLM-11054-1.2		100 μg/mL in methanol	1.2 mL
DLM-7702 Vitamin K₁ (phylloquinone) (ring-D₄, 98%) neat 1 mg DLM-9130 Vitamin K₁ (phylloquinone) (D¬, 99%) CP 97% neat 1 mg, 5 mg, 10 mg ULM-9131 Vitamin K₁ (phylloquinone) (unlabeled) CP 97% neat 1 mg, 5 mg, 10 mg CLM-10376 Vitamin K₂ (menaquinone MK-4) (4',5,6,7,8,8'-¹³C₅, 99%) CP 95% neat 1 mg DLM-10379 Vitamin K₂ (menaquinone MK-4) (5,6,7,8-D₄, 2-methyl-D₃, 98%) CP 95% neat 1 mg CLM-10377 Vitamin K₂ (menaquinone MK-7) (4',5,6,7,8,8'-¹³C₆, 99%) CP 95% neat 1 mg	ULM-11055-1.2	Vitamin E acetate (α-tocopherol acetate) (unlabeled)	100 μg/mL in methanol	1.2 mL
DLM-9130 Vitamin K₁ (phylloquinone) (D₂, 99%) CP 97% neat 1 mg, 5 mg, 10 mg ULM-9131 Vitamin K₁ (phylloquinone) (unlabeled) CP 97% neat 1 mg, 5 mg, 10 mg CLM-10376 Vitamin K₂ (menaquinone MK-4) (4',5,6,7,8,8'-¹³C₀, 99%) CP 95% neat 1 mg DLM-10379 Vitamin K₂ (menaquinone MK-4) (5,6,7,8-D₄, 2-methyl-D₃, 98%) CP 95% neat 1 mg CLM-10377 Vitamin K₂ (menaquinone MK-7) (4',5,6,7,8,8'-¹³C₀, 99%) CP 95% neat 1 mg	CLM-9566	Vitamin K ₁ (phylloquinone) (4α,5,6,7,8,8α- ¹³ C ₆ , 99%)	neat	1 mg
ULM-9131 Vitamin K₁ (phylloquinone) (unlabeled) CP 97% neat 1 mg, 5 mg, 10 mg CLM-10376 Vitamin K₂ (menaquinone MK-4) (4¹,5,6,7,8,8¹-¹³C₆, 99%) CP 95% neat 1 mg DLM-10379 Vitamin K₂ (menaquinone MK-4) (5,6,7,8-D₄, 2-methyl-D₃, 98%) CP 95% neat 1 mg CLM-10377 Vitamin K₂ (menaquinone MK-7) (4¹,5,6,7,8,8¹-¹³C₆, 99%) CP 95% neat 1 mg	DLM-7702	Vitamin K ₁ (phylloquinone) (ring-D ₄ , 98%)	neat	1 mg
CLM-10376 Vitamin K₂ (menaquinone MK-4) (4',5,6,7,8,8'-¹³C₀, 99%) CP 95% neat 1 mg DLM-10379 Vitamin K₂ (menaquinone MK-4) (5,6,7,8-D₄, 2-methyl-D₃, 98%) CP 95% neat 1 mg CLM-10377 Vitamin K₂ (menaquinone MK-7) (4',5,6,7,8,8'-¹³C₀, 99%) CP 95% neat 1 mg	DLM-9130	Vitamin K ₁ (phylloquinone) (D ₇ , 99%) CP 97%	neat	1 mg, 5 mg, 10 mg
DLM-10379 Vitamin K₂ (menaquinone MK-4) (5,6,7,8-D₄, 2-methyl-D₃, 98%) CP 95% neat 1 mg CLM-10377 Vitamin K₂ (menaquinone MK-7) (4',5,6,7,8,8'-¹³C₆, 99%) CP 95% neat 1 mg	ULM-9131	Vitamin K ₁ (phylloquinone) (unlabeled) CP 97%	neat	1 mg, 5 mg, 10 mg
CLM-10377 Vitamin K ₂ (menaquinone MK-7) (4',5,6,7,8,8'- ¹³ C ₆ , 99%) CP 95% neat 1 mg	CLM-10376	Vitamin K ₂ (menaquinone MK-4) (4',5,6,7,8,8'-13C ₆ , 99%) CP 95%	neat	1 mg
CLM-10377 Vitamin K ₂ (menaquinone MK-7) (4',5,6,7,8,8'- ¹³ C ₆ , 99%) CP 95% neat 1 mg	DLM-10379	Vitamin K ₂ (menaquinone MK-4) (5,6,7,8-D ₄ , 2-methyl-D ₃ , 98%) CP 95%	neat	1 mg
DLM-10380 Vitamin K ₂ (menaquinone MK-7) (5,6,7,8-D ₄ , 2-methyl-D ₃ , 98%) CP 95% neat 1 mg	CLM-10377	Vitamin K ₂ (menaquinone MK-7) (4',5,6,7,8,8'-13C ₆ , 99%) CP 95%	neat	1 mg
	DLM-10380	Vitamin K ₂ (menaquinone MK-7) (5,6,7,8-D ₄ , 2-methyl-D ₃ , 98%) CP 95%	neat	1 mg

Vitamins and Their Metabolites

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Catalog No.	Description	Concentration	Unit Size
CLM-10378	Vitamin K ₂ (menaquinone MK-9) (4',5,6,7,8,8'- ¹³ C ₆ , 99%) CP 95%	neat	1 mg
DLM-10381	Vitamin K ₂ (menaquinone MK-9) (5,6,7,8-D ₄ , 2-methyl-D ₃ , 98%) CP 95%	neat	1 mg
DLM-10382	Vitamin K_2 2,3-epoxide (menaquinone-4 2,3-epoxide) (5,6,7,8-D ₄ , 2-methyl-D ₃ , 98%) CP 95%	neat	1 mg
ULM-10383	Vitamin K ₂ 2,3-epoxide (menaquinone-4 2,3-epoxide) (unlabeled) CP 95%	neat	1 mg
DLM-9132	Vitamin K₃ (menadione) (D ₈ , 98%) CP 97%	neat	10 mg, 0.05 g
ULM-9133	Vitamin K₃ (menadione) (unlabeled) CP 97%	neat	1 mg, 5 mg, 10 mg

Example References

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Research Use of Products

CIL manufactures highly pure research biochemicals that are produced for research applications. As a service to our customers, some of these materials have been tested for the presence of *S. aureus, P. aeruginosa, E. coli, Salmonella sp.*, aerobic bacteria, yeast, and mold, as well as the presence of endotoxin in the bulk material by taking a random sample of the bulk product. Subsequent aliquots are not retested. Presence of endotoxin is assessed by determining endotoxin content following established protocols and standardized limulus amebocyte lysate (LAL) reagents. Any materials listed in our catalog or website that are designated as "MPT" in the item product number (e.g., DLM-349-MPT) contain these tests as part of release specifications.

If a product does not have an "MPT" designation, CIL may be able to provide microbiological testing on the product. Depending on the compound and the quantity ordered, an additional fee may apply for the testing. Please note that microbiological-tested products are not guaranteed to be sterile and pyrogen-free when received by the customer, and microbiological testing does not imply suitability for any desired use. If the product must be sterile and pyrogen-free for a desired application, CIL recommends that the product be packaged or formulated into its ultimate dose form by the customer or appropriate local facility. The product should always be tested by a qualified pharmacy/facility prior to actual use.

CIL research products are labeled "For research use only. Not for use in diagnostic procedures." Persons intending to use CIL products in applications involving humans are responsible for complying with all applicable laws and regulations, including, but not limited to the US FDA, other local regulatory authorities, and institutional review boards concerning their specific application or desired use.

It may be necessary to obtain approval for using these research products in humans from the US FDA or the comparable governmental agency in the country of use. CIL will provide supporting information, such as lot-specific analytical data and test method protocols, to assist medical research groups in obtaining approval for the desired use. An Enhanced Data Package (EDP) is also available (see next page for an overview of the technical package contents).

CIL will allocate a specific lot of a product to customers who are starting long-term projects requiring large amounts of material. Benefits from this type of arrangement include experimental consistency arising from use of only one lot, no delay in shipments, and guaranteed stock. Please note that some CIL products have a specific shelf life and cannot be held indefinitely. If interested, please contact your sales manager for further details.

Because of increasing regulatory requirements, CIL manufactures different grades of materials to help researchers with those requirements. Listed below are the grades of materials that CIL currently manufactures:

Catalog No. Description	
CLM-XXX- PK Research grade	
CLM-XXX- MPT-PK Microbiologically and Pyrogen Tested	
CLM-XXX- CTM Manufactured following ICH Q7, Section XIX	
CLM-XXX- GMP Good Manufacturing Practices grade	

 For more information on controls in manufacturing and testing of the different grades, go to: Search → Literature
 → Product Quality Designations from the isotope.com home page.



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Enhanced Data Package (EDP)

CIL offers the option of an Enhanced Data Package (EDP). This technical data package is available for most MPT products. It includes all of the data currently included with the MPT products, as well as the additional information listed below. You have the option of purchasing this package at the time of order or at a later date.

Please note that if you choose to purchase at a later date, some of the information listed below may not be available. Also, the EDP may not be available for all lots. In some cases, only a partial EDP may be available. Please confirm availability and content prior to order.

EDP Contents

- Product description: structural formula, stereochemical description, molecular formula.
- Product physical properties: melting point, pH, optical rotation (mix of literature or measured values).
- Outline of the synthesis route (including details of solvents used).
- Data used to confirm structure and chemical purity.
- Additional testing data: products with an EDP have been tested to the specifications/monograph similar to those detailed in the USP or EP, but not using compendia methods.
- Impurities: available data on impurities detected and identified together with the method of detection and the cutoff applied.
- Residual solvents: measured residual solvents from the final synthetic step and purification.
- Certificates of Analysis of raw materials, where appropriate.
- Informal stability data: estimated and measured.
 - This will be either actual shelf life data, if it can be obtained from CIL history or by analysis of in-stock batches, or
 - If no data is available, CIL will commit to assaying the batch provided after six months and one year. Data will be provided after one year, unless the batch fails assay after six months. This option will not be available if the Enhanced Data Package is ordered at a later date.

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