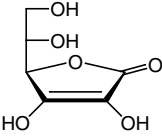
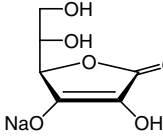
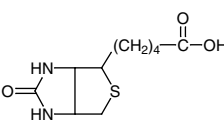
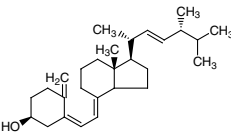
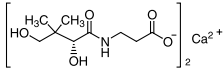
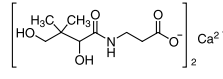
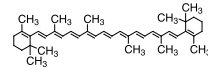


Vitamins

Vitamins are a group of organic nutrients required in small quantities for a variety of biological functions which cannot be synthesized in the body. In general, vitamins are classified into thirteen groups in human. Deficiency of some vitamins causes a specific disease. For example, beriberi is caused a lack of vitamin B₁. The disease is cured by restoring the vitamin to one's diet.

Vitamins are also classified as either water-soluble or fat-soluble vitamins. There are 9 water-soluble vitamins: vitamin B₁ (thiamine), vitamin B₂ (riboflavine), niacin, pantothenic acid, vitamin B₆ (pyridoxine etc.), biotin, folic acid, vitamin B₁₂ (cyanocobalamin), and vitamin C (ascorbic acid). The fat-soluble vitamins comprise vitamins A (retinol etc.), D (calciferols etc.), E (tocoferols etc.), and K (phylloquinone etc.).

The following are vitamins, vitamin related compounds, and vitamin derivatives that can be obtained from TCI.

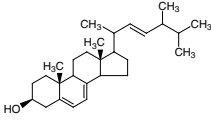
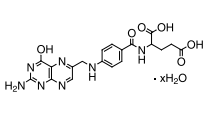
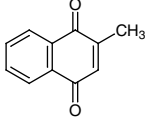
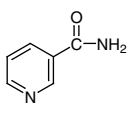
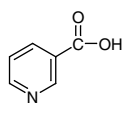
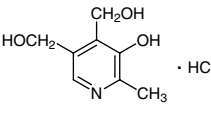
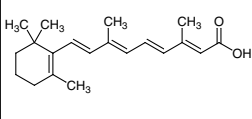
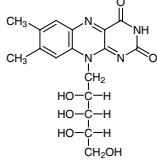
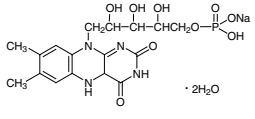
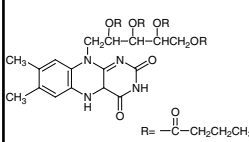
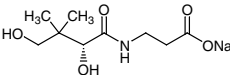
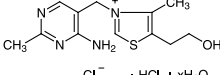
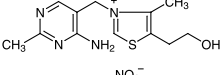
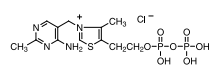
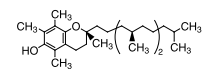
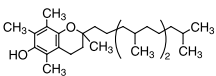
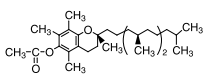
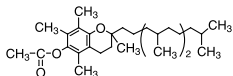
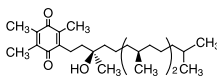
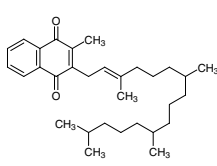
Vitamins		A0537		A0539		B0463			
		C0005		P0012		P1237		C0560	

A0537	L-Ascorbic Acid	25g	500g
A0539	L-Ascorbic Acid Sodium Salt	25g	500g
B0463	Biotin	100mg	1g
C0005	Calciferol	1g	5g
P0012	Calcium D-Pantothenate	25g	500g
P1237	Calcium DL-Pantothenate		25g
C0560	β-Carotene	1g	5g
C0314	Cholecalciferol	1g	5g

Keywords : vitamin

2009. Apr., L-3016E

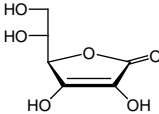
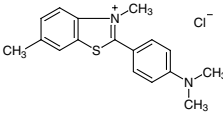
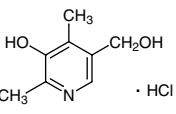
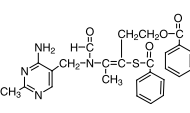
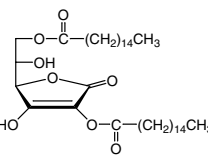
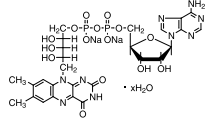
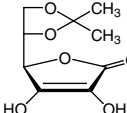
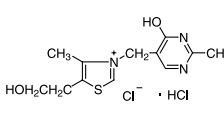
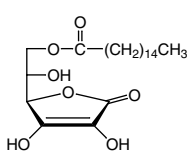
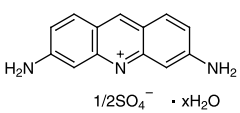
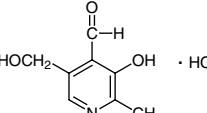
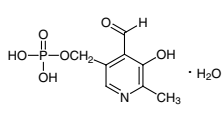
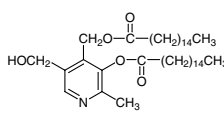
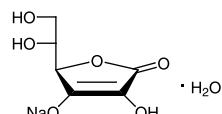
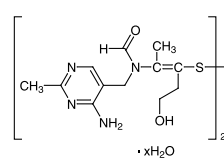
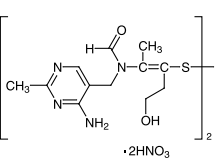
Please inquire for pricing and availability of listed products to our local sales representatives.

E0018	F0043	M0373	N0078	N0082
				
P0561	R0064	R0020	R0023	R0055
				
P0013	T0181	T0182	T0183	T2309
				
T0251	T2322	T0252	T2283	P0642
				

E0018	Ergosterol	5g	25g
F0043	Folic Acid Hydrate		25g
M0373	2-Methyl-1,4-naphthoquinone	25g	250g
N0078	Nicotinamide	25g	500g
N0082	Nicotinic Acid	25g	500g
P0561	Pyridoxine Hydrochloride	25g	500g
R0064	Retinoic Acid	1g	5g
R0020	Riboflavin	25g	500g
R0023	Riboflavin 5'-Monophosphate Sodium Salt	5g	25g
R0055	Riboflavin Tetrabutyrate	5g	25g
P0013	Sodium D-Pantothenate	25g	250g
T0181	Thiamine Hydrochloride Hydrate	25g	500g
T0182	Thiamine Nitrate	25g	500g
T0183	Thiamine Pyrophosphate Chloride	5g	25g
T2309	D- α -Tocopherol		25g
T0251	DL- α -Tocopherol	25g	250g
T2322	D- α -Tocopherol Acetate		25g
T0252	DL- α -Tocopherol Acetate	25g	500g
T2283	D- α -Tocopherylquinone		500mg
C0449	Vitamin B ₁₂	100mg	1g
P0642	Vitamin K ₁	5g	25g

Vitamin Related Compounds		C0326	C0328	C0329
C0331	C0553	C1971	D1956	I0040
I0628	I0629	I0630	I0631	I0632
I0633				

C0326	Choline (48-50% in Water)	25g	500g
C0328	Choline Bromide	25g	500g
C0329	Choline Chloride	25g	500g
C0330	Choline Citrate Solution [Tricholine Citrate (ca. 65% in Water)]	25g	500g
C0331	Choline Dihydrogen Citrate	25g	500g
C0553	Choline Bitartrate	25g	500g
C1971	Coenzyme Q ₁₀	100mg	1g
D1956	2,3-Dimethoxy-5-methyl-1,4-benzoquinone	1g	5g
I0040	<i>myo</i> -Inositol	25g	500g
I0628	<i>epi</i> -Inositol		200mg
I0629	<i>allo</i> -Inositol		25mg
I0630	<i>muco</i> -Inositol		100mg
I0631	<i>scyllo</i> -Inositol	200mg	1g
I0632	1D- <i>chiro</i> -Inositol		200mg
I0633	1L- <i>chiro</i> -Inositol		200mg
D0920	β-Nicotinamide Adenine Dinucleotide Disodium Salt Hydrate, reduced form	100mg	1g
D0919	β-Nicotinamide Adenine Dinucleotide Hydrate, oxidized form	1g	5g
C0379	β-Nicotinamide Adenine Dinucleotide Phosphate Sodium Salt Hydrate, oxidized form	100mg	1g
T0521	β-Nicotinamide Adenine Dinucleotide Phosphate Tetrasodium Salt reduced form		100mg

Vitamin Derivatives		A0520	T0558	D0053
				
D0151	A0757	F0014	I0507	O0091
				
A0540	D0073	P0559	C0377	P1395
				
I0232	T0176	T0900		
				

A0520	D-Araboascorbic Acid		25g	500g
T0558	Basic Yellow 1			25g
D0053	4-Deoxypyridoxine Hydrochloride		100mg	1g
D0151	Dibenzoyl Thiamine		1g	25g
A0757	2,6-Di-O-palmitoyl-L-ascorbic Acid			25g
F0014	Flavin Adenine Dinucleotide Disodium Salt		100mg	1g
I0507	(+)-5,6-O-Isopropylidene-L-ascorbic Acid		5g	25g
O0091	Oxythiamine Hydrochloride			1g
A0540	6-O-Palmitoyl-L-ascorbic Acid			25g
D0073	Proflavine Hemisulfate		5g	25g
P0559	Pyridoxal Hydrochloride	1g	5g	25g
C0377	Pyridoxal 5-Phosphate Monohydrate		1g	25g
P1395	Pyridoxine 3,4-Dipalmitate		5g	25g
I0232	Sodium Isoascorbate Monohydrate		25g	500g
T0176	Thiamine Disulfide Hydrate			25g
T0900	Thiamine Disulfide Nitrate			25g