

Item Number	CO112
Item	Cod Liver Oil, USP
CAS Number	8001-69-2
Molecular Formula	
Molecular Weight	
MDL Number	
Synonyms	Oleum Morrhuae ; Oleum Jecoris Aselli

Test	Specification	
	Min	Max
VITAMIN A CONTENT	180	750 µg/g
VITAMIN D CONTENT	1.5	6.25 µg/g
COLOR	NOT MORE INTENSE THAN STANDARD	
SPECIFIC GRAVITY @ 25°C	0.918	0.927
ACID VALUE		1.0 ml
IODINE VALUE	145	180
SAPONIFICATION VALUE	180	192
ANISIDINE VALUE		30
NONDESTEARINATED COD LIVER OIL	OIL REMAINS CLEAR	
UNSAAPONIFIABLE MATTER		1.30 %
ELEMENTAL IMPURITIES:		
CADMIUM (Cd)	AS REPORTED	
LEAD (Pb)	AS REPORTED	
ARSENIC (As)	AS REPORTED	
MERCURY (Hg)	AS REPORTED	
IDENTIFICATION:A	BLUE COLOR RESULTS	
IDENTIFICATION:B		
MYRISTIC ACID 14:0	2.0	6.0 %
PALMITIC ACID 16:0	7.0	14.0 %
STEARIC ACID 18:0	1.0	4.0 %
PALMITOLEIC ACID 16:1 n-7	4.5	11.5 %
cis-VACCENIC ACID 18:1 n-7	2.0	7.0 %
OLEIC ACID 18:1 n-9	12.0	21.0 %
GADOLEIC ACID 20:1 n-11	1.0	5.5 %

Test	Specification	
	Min	Max
GONDOIC ACID 20:1 n-9	5.0	17.0%
ERUCIC ACID 22:1 n-9	0	1.5 %
CETOLEIC ACID 22:1 n-11	5.0	12.0 %
LINOLEIC ACID 18:2 n-6	0.5	3.0 %
a-LINOLENIC ACID 18:3 n-3	0	2.0 %
MOROCTIC ACID 18:4 n-3	0.5	4.5 %
EICOSAPENTAENOIC ACID 20:5 n-3	7.0	16.0 %
DOCOSAHEXANENOIC ACID 22:6 n-3	6.0	18.0 %
EXPIRATION DATE		
DATE OF MANUFACTURE		
APPEARANCE		
MONOGRAPH EDITION		
RESIDUAL SOLVENTS	AS REPORTED	

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