Specification Sheet- CFA20®*/ CMO20® page 1 of 2 *Revised 04/25/2025*

Product Name	**Cetyl Myristoleate Complex (CMO) powder**
Product Code	**CFA20®*/ CMO20®**
Product Definition/ID	**Cetyl Myristoleate Complex contains cis-9- myristoleate (fatty acid esther)**
Product Composition	**CFA20® is a special blend of fatty acid esters combined with an excipient suitable for dietary supplements**
Method of Analysis	**Gas Chromatograph equipped with Flame Ionization Detector (FID) using 3- to 4-point calibrations**
Solubility	**Cetyl myristoleate powder is partially soluble in water. It is not completely insoluble, but it doesn't dissolve in water to a significant degree.**

Ingredients declaration:

	Specifications
Cetyl Myristoleate Complex*:	**30%**
Cetyl myristoleate	**20%**
Corn Starch:	**48%**
Silicon Dioxide:	**2%**

***(cetyl myrsistate, cetyl palmitate, cetyl laurate, cetyl palmitoleate, cetyl oleate)**

Physical Characteristics:

Color:	**Off-white to beige w/specks**
Odor:	**Characteristic of cetyl myristoleate**
Texture:	**Slightly waxy powder**
Taste:	**Characteristic of cetyl myristoelate**
Sieve:	**35 % retained on USS 40**
Moisture:	**6%**
Bulk Density	**<0.30g/ml- <0.50g/ml**

Heavy Metals:

	Specification
Arsenic	**≤1.50ppm**
Molybdenum(Mo)	**<0.20ppm**
Magnesium(Mg)	**<50ppm**
Chromium(Cr)	**<0.20ppm**
Calcium(Ca)	**<300ppm**
Nickel(Ni)	**<0.30ppm**
Iron(Fe)	**<10.00ppm**
Copper(Cu)	**<0.30ppm**
Phosphorus(P)	**<75.00ppm**
lead	**≤0.50ppm**
Manganese	**<0.20ppm**
Mercury	**≤0.30ppm**
Molybdenum	**<0.20ppm**
Selenium	**<0.20ppm**

Microbiological:

Total Plate Count:	**< 1000 (CFU/g)**
Yeast & Mold:	**< 10 (CFU/g)**
E. Coli:	**Negative**
Salmonella:	**Negative**
Staphylococcus:	**Negative**

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Stability: CMO oil is very stable under ordinary conditions of heat, light , and air.

***CFA20®/CMO20® is a bovine source & BSE free, no ETO treatment or irradiation.**
It is manufactured in a cGMP plant in Tennessee, USA

Storage Conditions & shelf life:
Store in a cool, dry place, do not freeze. Shelf life is 3 yrs if stored properly
Disclaimer: The information in this COA is based on information , we believe to be reliable. They are offered in good faith, but without guarantee, as conditions & methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials & suggestions on an experimental basis before adopting them on a commercial scale.

Technical Director: Mary Gabriel

Mary Gabriel

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