

KDN-Vita International, Inc.

121 Stryker Lane, Units 4 & 6

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CERTIFICATE OF ANALYSIS

Cetyl Myristoleate 20% Powder

Cetyl Esters of Mixed Fatty Acids (Tallow Based) on Cornstarch/SiO₂

Lot No: PA054 101

Quantity: 200kg

TEST

RESULT

Appearance

Off-White Powder

Cetyl Myristoleate (CMO) Content

20%

Total Cetyl Ester Content

49.3%

Cornstarch Content

48.7%

Silicon Dioxide Content

2%

Loss on Drying, % wt.

3.27%

(Method: AOCS Ca 2c-25)

Fatty Acid Profile based on oil raw material:

< C ₁₄	7.2%
C _{14:0} (Myristic)	43.9%
C _{14:1} (Myristoleic)	42.5%
> C ₁₄	6.4%

Metals Analysis based on oil raw material:

Molybdenum (Mo)	1.8ppm
Manganese (Mn)	< 0.1ppm
Magnesium (Mg)	6.6ppm
Chromium (Cr)	< 0.1ppm
Calcium (Ca)	88.2ppm
Nickel (Ni)	0.4ppm
Iron (Fe)	2.7ppm
Copper (Cu)	1.8ppm
Phosphorus (P)	63.8ppm
Heavy Metals (As Pb)	< 0.1ppm

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Continued

Microbiological Results:

Standard Plate Count	< 10cfu/gm
Yeast Count	< 10cfu/gm
Mold Count	< 10cfu/gm
Coliforms & E. Coli - Presumptive	< 3mpn/gm
S. Aureus - 2 nd Presumptive	< 10mpn/gm
Salmonella - Tecra Presumptive	Negative in 25gms

Spray Dried in USA

Date of Manufacture: March 2010

Retest Date: The product, if stored at ambient temperature and assuming normal care and handling by the customer, will not change appreciably over a six year period.

This material was manufactured in accordance with the cGMP regulations mandated by the Food & Drug Administration.

We hereby certify this is an accurate copy of the manufacturer's original Certificate of Analysis.

For: KDN-Vita International, Inc.

By:


Robert Powell
President