

Certificate of Analysis

(Representative Sample Certificate)

Product Name: Palmitoyl Tripeptide-38
INCI Name: Hydroxypropyl cyclodextrin, palmitoyl tripeptide-38
CAS Number: 128446-35-5, 1101175-36-3, 56-81-5, 7732-18-5
Lot Number: Not available (data may vary slightly with different lots or batches)
Expiration Date: 36 months from production date

Property	Specification	Analysis
Appearance - Form (AV002080)	Liquid	Pass
Appearance - Color (AV002090)	Colorless to pale yellow	Pass
Appearance - Clarity (AV002100)	Clear to slightly opalescent	Pass
Water Content (Karl Fischer) (EV000170)	17.0 - 21.0%	19.5%
Specific Gravity (20° C) (EV000920)	1.205 - 1.225	1.214
Refractive Index (25° C) (FV000930)	1.435 - 1.455	1.444
Pal KMO ₂ K-OH 2HCl Content HPLC (HV002110)	200 - 270 ppm	245 ppm
Total Aerobic Microbial Count (JV000780)	100 CFU/g MAX	Pass
Total Combined Yeast/Molds Count (JV000780)	10 CFU/g MAX	Pass

RSPO Mass Balance Certificate No. BVC-RSPO-FR042532

The above data was obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions. This report is not to be signed. All data are as per our supplier.

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