

## Certificate of Analysis

### (Representative Sample Certificate)

**Product Name:** Ceramide Complex  
**INCI Name:** Ceramide NP, ceramide AP, ceramide EOP, phytosphingosine, cholesterol, sodium lauroyl lactylate, carbomer, xanthan gum, water, phenoxyethanol, ethylhexylglycerin  
**CAS Number:** 72968-43-5, 100403-19-8, 627881-96-3, 13552-11-9, 80356-14-5, 13557-75-0, 600-07-7, 11138-66-2, 7732-18-5, 122-99-6, 70445-33-9  
**Lot Number:** Not available (data may vary slightly with different lots or batches)  
**Expiration Date:** 24 months from production date

Analytical Tests	Specification	Results
Appearance @25°C	Off-white viscous liquid, with slight lactylated smell	corresponds
Identification	Conform	conforms
Assay		
Ceramide III and IIIB	>=1.0 %	conforms
Ceramide VI	>=0.5 %	conforms
Phytosphingosine	>=0.5 %	conforms
Heavy Metals	<20 ppm	conforms
Arsenic	<2 ppm	conforms
Total Plate Count	<100	<10 CFU/g
pH	5.0-7.0	6.4

The above data were 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.

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