

Certificate of Analysis

(Representative Sample Certificate)

| Product Name: | PEG-7 Glyceryl Cocoate |
|------------------|---|
| INCI Name: | PEG-7 Glyceryl Cocoate |
| CAS Number: | 68201-46-7 |
| Lot Number: | Not available (data may vary slightly with different lots or batches) |
| Expiration Date: | 24 months from production date |

| Property | Specifications | Analysis |
|----------------------|------------------------|----------------|
| Dioxane | 5 ppm MAX | <5 ppm |
| (GM_0617_01) | | |
| Ethylenoxide | 1 ppm MAX | <1 ppm |
| (GM_0616_01) | | |
| Color to Hazen | ≤200 Hazen | 78 Hazen |
| (GM_0140_01) | | |
| Hydroxyl Value | 175.0 - 195.0 mg KOH/g | 184.2 mg KOH/g |
| (GM_0020_01) | | |
| Iodine Value | 5.0 g I/100g MAX | 2.7 g I/100g |
| (GM_0040_05) | | |
| Acid Value | 5.00 mg KOH/g MAX | 0.68 mg KOH/g |
| (GM_0010_01) | | |
| Saponification Value | 90.0-105.0 mg KOH/g | 93.7 mg KOH/g |
| (GM_0030_01) | | |

"Certified in compliance with the terms of the US-Canada Organic Equivalency Arrangement. 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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