

## 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

Parameter	Method	Limits	Value/Unit
Dioxane	GM_0617_01	<=5	<=5/ppm
Colour to Hazen	GM_0140_01	<=200	47/hazen
Ethylenoxide	GM_0616_01	<=1	<=1/ppm
Saponification Value	GM_0030_01	90,0-105,0	92,4/mg KOH/g
Iodine Value	GM_0040_05	<=5	2,9/g l/100g
Hydroxyl Value	GM_0020_01	175,0-195,0	180,5/mg KOH/g
Acid Value	GM_0010_01	<=5,00	0,78/mg KOH/g

All product characteristic test methods conforms to USP/NF unless noted with an asterisk(\*).

This product does not contain bovine, ovine, or caprine materials of any type.

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Mix before sampling and use to ensure homogeneity. Material may solidify when stored below 25 deg C. If material contains solids gently heat at 40 to 50 deg C and mix thoroughly before use. Product might darken with age and/or exposure to light. 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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