

## Certificate of Analysis

### (Representative Sample Certificate)

**Product Name:** Glycol Stearate IP  
**INCI Name:** Glycol stearate, stearamide AMP  
**CAS Number:** 111-60-40, 36284-86-3  
**Lot Number:** Not available (data may vary slightly with different lots or batches)  
**Expiration Date:** 24 months from production date

Product Characteristic	Specifications	Laboratory Values	Final Result
Acid Value (mg KOH/12g sample)	5.0 max	2.46	Pass
Melt Point	56.5-60.0 °C	60.0	Pass
Iodine Value (g Iodine/100g sample)	0.5 max	0.29	Pass
Saponification Value (mg KOH/1g sample)	175-184	175.31	Pass
*Color (Gardner)	2 max	2	Pass
IR (Neat)	TMS	Pass	Pass

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

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

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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