

**Certificate of Analysis**  
**(Representative Sample Certificate)**

**Product Name:** Phenoxyethanol-SA  
**INCI Name:** Phenoxyethanol, sorbic acid, caprylyl glycol  
**CAS Number:** 122-99-6, 110-44-1  
**Lot Number:** Not available (data may vary slightly with different lots or batches)  
**Expiration Date:** 24 months from production date

| Property                     | Specifications               | Analysis |
|------------------------------|------------------------------|----------|
| Appearance (25°C)            | Clear to light yellow liquid | Pass     |
| Color (APHA)                 | <=200                        | 12       |
| Specific gravity (25°C)      | 1.0140-1.0240                | 1.0204   |
| Phenoxyethanol (GC, W1506) % | 50.5-54.5                    | 52.5     |
| 1,2 Octanediol (GC, W1506) % | 40.0-44.0                    | 41.5     |
| Acid Value (W1413)           | 25.0-37.5                    | 30.5     |

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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