

## Certificate of Analysis

### (Representative Sample Certificate)

**Product Name:** Ethoxydiglycol  
**INCI Name:** Ethoxydiglycol  
**CAS Number:** 111-90-0  
**Lot Number:** Not available (data may vary slightly with different lots or batches)  
**Expiration Date:** 36 months from production date

Analytical Tests	Specification	Analysis
Appearance	Colorless limpid liquid	Conforms
Odor	Faint	Conforms
Color (platinum-cobalt)	< = 10.00	3.00
Specific Gravity at 20°C	0.985 - 0.991	0.988
Refractive Index at 20°C	1.426 - 1.428	1.427
Acid Value	< = 0.10 mgKOH/g	0.01
Peroxoide Value	< = 12.0 meqO2/kg	<0.1
Water content	< = 0.1 0%	0.02
2-Methoxyethanol	< = 50 ppm	< 10
2-Ethoxyethanol	< = 160 ppm	< 10
Ethylene Glycol	< = 620 ppm	10
Diethylene Glycol Monoethyl Ether	>= 99.5%	99.91
Diethylene Glycol Content	< = 250 ppm	< 10
Ethylene Oxide Content	< 1 ppm	Conforms

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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