

**Monoethylene Glycol (MEG) technical grade****CERTIFICATE OF ANALYSIS**

No: 645842/11/2022

**PRODUCT NAME:** ETHYLENE GLYCOL**CAS:** 107-21-1**REACH:** 01-2119456816-28-XXXX**APPEARANCE:** Clear, colorless liquid**SAMPLE DATE:** 29-11-2022**DATE OF THE ANALYSIS:** 29-11-2022

Parameter	Unit	Result	Method
Purity (MEG)	[ wt.% ]	99.97	GC (ASTM E2409)
Colour Hazen	[ Pt-Co ]	< 5	ASTM D 1209
Diethylene Glycol	[ wt.% ]	0.02	GC (ASTM E2409)
Water	[ wt.% ]	0.004	ASTM E 1064
Acidity (as acetic acid)	[ wt.% ]	0.0004	ASTM D1613
Iron (Fe)	[ ppm ]	0.05	ASTM E1615
Chloride (Cl)	[ mg/kg ]	0.07	ASTM E2469
Ash	[ mg/kg ]	< 10	ASTM D482
Specific gravity (20°C/20°C)	[ g/ml ]	1.1153	ASTM D4052
Distillation at 760 mmHg			ASTM D 1078
IBP	[ °C ]	197.2	
D.P.	[ °C ]	198.5	
Water Miscibility	[ - ]	Passes test	ASTM D 1722
UV Transmittance			ASTM E 2193-04
Transmittance at 220 nm	[ % T ]	81.0	
Transmittance at 250 nm	[ % T ]	89.0	
Transmittance at 275 nm	[ % T ]	92.6	
Transmittance at 350 nm	[ % T ]	99.6	

The certificate was made on the basis of the supplier's certificate. The data contained in this certificate were prepared on the basis of certificates and quality standards of suppliers or manufacturers and on the basis of tests in the factory laboratory.

Prepared by

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An electronic document does not require a seal or signature.