

**Monoethylene glycol (MEG), techn. grade****TECHNICAL SPECIFICATIONS**

No: 000694/06/2023

**PRODUCT NAME:** ETHYLENE GLYCOL**CAS:** 107-21-1**REACH:** 01-2119456816-28-XXXX**APPEARANCE:** Clear, colorless liquid

Parameter	Unit	Specification value	Method
Monoethylene glycol	[ A.% ]	min. 99,5	GC-method
Diethylene glycol	[ A.% ]	max. 0,2	GC-method
Water content	[ Wt.% ]	max. 0,2	DIN 51 777 part 1
Colour number	[ Hazen/Apha ]	max. 10	DIN EN 1557

The listed characteristics are tested as part of the manufacturer's routine test procedure.

Additional properties (not part of the test routine and of the Certificate of Analysis):

Parameter	Unit	Specification value	Method
Refractive index, 20°C		1,431 - 1,432	DIN 51 423 part 2
Density, 20°C	[ g/cm <sup>3</sup> ]	1,113 - 1,114	DIN 51 757 procedure 4
Acid value	[ mg KOH/g ]	max. 0,05	DIN EN ISO 2114
Iron	[ mg/kg ]	max. 5	Spectrophotometry
Total chlorides	[ mg/kg ]	max. 5	Ion-chromatography
Residue on ignition	[ mg/kg ]	max. 50	ASTM D 1119-05

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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