

SPECIFICATION

Product:	Monoethylene Glycol, Fibre Grade
CAS-No.:	107-21-1
EINECS/EG-No.:	203-473-3
HS-Code:	2905 3100
Chemical Formula:	C ₂ -H ₆ -O ₂

PARAMETER:	TEST METHOD:	VALUE:
Appearance	clear	visual
Odour	characteristic	ASTM E 1075
Purity	min. 99.9 wt%	ASTM E 2409
DEG	max. 0.05 %	ASTM E 2409
Colour	max. 5	ASTM D 1209
Water miscibility	passes	ASTM D 1722
Density at 20°C g/ml	1.1151 -1.1156	ASTM D 4052
Water	max. 0.05 wt%	ASTM E 1064
UV transmittance 350nm	min. 98	ASTM E 1176
275nm	min. 90	
220nm	min. 70	
Boiling range IBP	min. 196 °C	ASTM D 1078
DP	max. 199 °C	
Chlorides as NaCl	max. 0.2 ppm	ASTM E 2469
Iron as Fe	max. 0.1 ppm	ASTM E 394
Free aldehydes as COHH	max. 20 ppm	ASTM E 2313
Ash	max. 0.001 wt%	ASTM D 482

Additional properties that are not part of the test routine and of the certificate of analysis:

Acidity as acetic acid	max. 0.002 wt%	ASTM E 2679
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These details are based on our present knowledge. They do not absolve the processor from responsibility for suitability and quality testing due to the wide variety of potential external influences that may be exerted during the application and processing of this product. Binding/legal warranties concerning the properties for specific application/purposes cannot be inferred from these details.

Version: February 2020