

QUALITY CERTIFICATE

Product name: TROLAMINE
Quality: Ph.Eur.11.0.
Package: 100 g
Formula: C₆H₁₅NO₃
Rel. mol. weight: 149,19
Lot No.: GE4857019
Manufacturing date: 02.2023.
Expiry date: 31.07.2026. (DMY)
Anal. No.: 15487H57019

	REQUIRED	MEASURED
Appearance:	clear, colourless or slightly yellowish, viscous liquid	clear, colourless, viscous liquid
Assay (T, anhydr. substance)	99,0-103,0 m/m %	99,6 %
Identification test 'A'	identical	identical
Solubility	miscible with water and with ethanol (96 per cent), soluble in methylene chloride	miscible with water and with ethanol (96 per cent), soluble in methylene chloride
Appearance of solution	passes test (<B ₆)	passes test (<B ₆)
Density (d ₄ ²⁰)	1,120-1,130	1,120
Refractive index (n _D ²⁰)	1,482-1,485	1,482
Ethanolamine (GC)	max.0,1 %	<0,1 %
Diethanolamine (GC)	max.0,5 %	<0,5 %
Total other impurities	max.1,0 %	<1,0 %
N-Nitroso-diethanolamine	max.24 ppb	<24 ppb
Water (KF.)	max.1,0 %	0,13 %
Sulphated ash	max.0,1 %	0,02 %

The Product complies with the requirements of Ph.Eur.11.0.

Kiállítva: Halásztelek, 2023.10.03.


Nagy Balázs

minőségbiztosítási vezető

Molar Chemicals Kft.
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