

QUALITY CERTIFICATE

Product name: TROLAMINE
Quality: Ph.Eur.11.0.
Package: 100 g
Formula: C₆H₁₅NO₃
Rel. mol. weight: 149,19
Lot No.: GE4857437
Manufacturing date: 02.2023.
Expiry date: 31.07.2026. (DMY)
Anal. No.: 15487H57437

| | 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 ₂₀ 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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