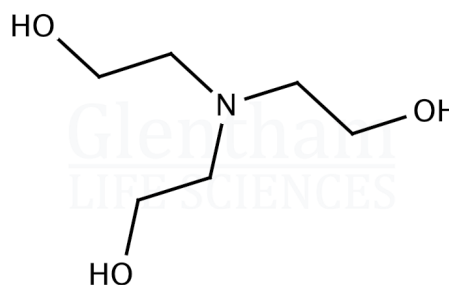


Certificate of Analysis

Product Name	Triethanolamine, BP, EP grade
Glentham Code	GE8879
CAS Number	102-71-6
EINECS	203-049-8
MDL Number	MFCD00002855
Batch Number	766NCS
Molecular Weight	149.19
Molecular Formula	$C_6H_{15}NO_3$
Storage Temp.	+20°C



Property	Specification	Batch 766NCS
Physical Description	Clear, viscous, colourless or slightly yellow liquid, very hygroscopic	Conforms
Identification	A, B, C, D according to EP	Conforms
Solubility	60% in water: Clear, colourless solution (colour ≤ B6)	Conforms
Impurity A	≤ 0.1%	Conforms
Impurity B	≤ 0.5%	Conforms
Total Impurities	≤ 1.0%	Conforms
Impurity C	≤ 24ppb	Conforms
Heavy Metals	≤ 10ppm	Conforms
Water	≤ 1.0%	0.38%
Sulphated Ash	≤ 0.1%	Conforms
Relative Density (25°C)	1.120 - 1.130	1.124
Refractive Index (20°C)	1.482 - 1.485	1.483
Assay	99.0 - 103.0 % (anhydrous basis)	99.4%
Pharmacopoeia Specification(s)	BP, EP	Conforms to BP, EP

Specification Version	v1.0
Manufacture Date	2017-11-01
Re-Test Date	2026-01-26

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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