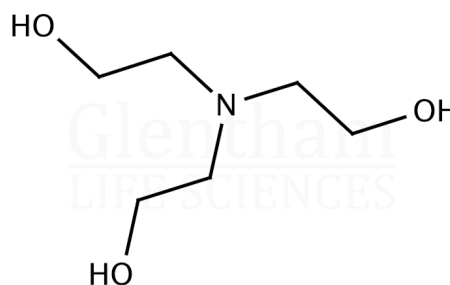


## Certificate of Analysis

Product Name	Triethanolamine, BP, EP grade
Glenthams 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 $\leq$ B6)	Conforms
Impurity A	$\leq 0.1\%$	Conforms
Impurity B	$\leq 0.5\%$	Conforms
Total Impurities	$\leq 1.0\%$	Conforms
Impurity C	$\leq 24\text{ppb}$	Conforms
Heavy Metals	$\leq 10\text{ppm}$	Conforms
Water	$\leq 1.0\%$	0.38%
Sulphated Ash	$\leq 0.1\%$	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

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glenthams.com](http://www.glenthams.com) or contact us using the details above for the current version of this document.

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