

Certificate of Analysis

Triethanolamine

USP Grade

Product Number	PSR41112	CAS No.	102-71-6
Brand	PureSynth	Lot No.	LKJ02G
Molecular Formula	C ₆ H ₁₅ NO ₃	Date of Mfg.	Feb.2023
Molecular Weight	149.2 g/mol	Date of Exp.	Jan. 2025

Test	Specification	Result
Appearance	Clear colorless liquid	Clear colorless liquid
Assay (GC)	≥ 99.0 %	99.76 %
Identification		
Test (A) (Relative density)	1.120 to 1.130	Complies
Test (B) (Refractive index)	1.482 to 1.485	Complies
Test (C)	Examine the chromatograms obtained in the test for related substances	Complies
Test (D) (Specified test.)	The blue color remains unchanged	Complies
Related substance -		
Impurity A	NMT 0.1 %	Complies
Impurity B	NMT 0.5 %	Complies
Total impurity	NMT 1.0 %	Complies
Water	NMT 1.0 %	Complies
Sulfated ash	NMT 1.0 %	Complies

This is a computer-generated report -does not required sign

Worldwide Helpline No. 1800-120-1234-34 , Email: info@pure-synth.com , Website: www.pure-synth.com

Condition: Store at room temperature and keep the container sealed tightly.

Remark: The batch complies with the prescribed quality of the above specification.

Approved By
Head - Technical
