

Certificate of Analysis

Triethylamine

PurCert Standard for GC

(Secondary Reference Standard)

Product Number	PSR28305	CAS No.	121-44-8
Brand	PureSynth	Lot No.	58P0324
Molecular Formula	C ₆ H ₁₅ N	Date of Mfg.	March,2024
Molecular Weight	101.19 g/mol	Date of Exp.	February,2027

Test	Specification	Result
Description	Colorless liquid	Colorless liquid
Assay (GC-FID)	≥ 99.5 %	99.94 %
Water (By KF)	NMT 0.03 %	0.0181 %
Density	0.70-0.75 g/cm ³	0.72 g/cm ³
Identification by ¹ H NMR	Conforms to structure	Conforms
Identification by GC-MS	Conforms to molecular mass	Conforms
Identification by IR	Conforms to structure	Conforms

***Traceable to USP Reference Standard 1683559, Current lot: R077U0.**

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

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

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