

Certificate of Analysis

Ethylenediamine

PurReagent, ≥ 99.5 %

Product Number	PSR37949	CAS No.	107-15-3
Brand	PureSynth	Lot No.	TGPD02P
Molecular Formula	C ₂ H ₈ N ₂	Date of Mfg.	Feb.2023
Molecular Weight	60.10 g/mol	Date of Exp.	Jan.2026

Test	Specification	Result
Description	Colorless liquid	Colorless liquid
Clarity	Clear	Clear
Assay (GC-FID)	≥ 99.5 %	99.97 %
Water (by KF)	≤ 4.50%	4.1707 %
Density d20/4	0.896 - 0.898	0.897
Refractive index n20/d	1.456 - 1.458	1.457
Identification by ¹ H NMR	Conform to structure	Conforms
Identification by GC-MS	Conform to molecular	Conforms
Identification by IR	Conform to structure	Conforms

Storage Condition: Store at ambient temperature and keep container tightly closed in a dry and well-Ventilated place.

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

Approved By
Head - Technical

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