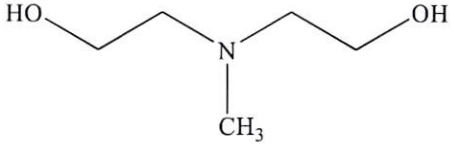


Certificate of Analysis



Certificate No.: **20260618009**

Date: June 18, 2026

Retest date: June 12, 2029

Compound Name:	N-Methyl Diethanolamine	
Synonyms:	2,2'-(methylazanediyl)bis(ethan-1-ol)	
TLC Catalogue Number:	E-184022	
CAS Number:	105-59-9	
Alternate CAS Number:	N/A	
Molecular Weight:	119.16	
Molecular Formula:	C ₅ H ₁₃ NO ₂	
Source:	TLC Pharmaceutical Standards	
Source Lot No.:	7494-011A1	
Storage Conditions:	Store at 2-8 °C	
Solubility:	Methanol, DMSO, Acetonitrile	

Test Description	Specifications	Results
Visual Description	Colorless liquid	Conforms
Identification		
IR	Conforms to structure	Conforms
MS	Conforms to structure	Conforms
¹ H NMR	Conforms to structure	Conforms
Purity (HPLC)	Not less than 95.0%	100.0%
Impurity (HPLC)	N/A	
Residual Solvents (NMR)	No residual solvent	
Assay (qNMR)	Not less than 90.0%	98.0%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/18/2026
Approved by:	Quality Assurance		06/18/2026

Attachments: Peak Attribution Table, Assay Calculation, HPLC, IR, MS and NMR spectra.