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Certificate of Analysis

Product Description: N,N,N',N'-Tetramethylethylenediamine, molecular biology reagent
Catalog Number: 194019
Lot: SR05217

Formula: C₆H₁₆N₂
CAS #: 110-18-9
Physical Description: Clear, Colorless Liquid

Formula Weight: 116.2
Storage: 2 - 8°C, store under nitrogen

Test	Specification	Result
Identity Test	Passes	Passes
Purity	~99%	99.9%
FTIR	Conforms to Standard	Conforms to Standard
pH (0.5% aq soln)	10 - 12	10.82
Moisture Content	≤2%	0.1%

Refractive index: 1.42

DMA: 0.02%

Color (APHA): 17

Chloride: 0.000%

NaOH: 0%

Recommended Retest Date (MM/DD/YYYY): 01/13/2025



03/01/2022 - Fengqi An
MP Biomedicals, LLC.
Life Science QC Supervisor

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Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)