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Certificate of Analysis

Product Description: Putrescine
Catalog Number: 100441
Lot: S8439**Formula:** C₄H₁₂N₂
CAS #: 110-60-1
Physical Description: Crystalline Solid with Clear, Colorless
Liquid on top**Formula Weight:** 88.15
Storage: 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	~98%	100.0% (GC)
FTIR	Conforms to Standard	Conforms to Standard

Purity (neutralization titration): 99.4%
Solubility in Water: transparency
Recommended Retest Date (MM/DD/YYYY): 04/28/2025



04/29/2022 - Lily Meng
MP Biomedicals, LLC.
QC Chemist

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