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Certificate of Analysis

Product Description: Urea, molecular biology reagent**Catalog Number:** 194857**Lot:** 5308F**Formula:** CH₄N₂O**CAS #:** 57-13-6**Physical Description:** White Prills**Formula Weight:** 60.06**Storage:** Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥98%	99.58%
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	130 - 140°C	133 - 134°C
OD260 nm (7 M aq soln)	≤0.2	0.003
OD280 (7M aq soln)	≤0.2	0.009
pH (7 M aq soln)	7.5 - 9.5	8.6
Pb	≤2 ppm	≤2 ppm

12/20/2002 - Joseph Dietz, Ph.D.

MP Biomedicals, LLC.

Technical Director

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Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

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