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Certificate of Analysis

Product Description : Uridine
Catalog Number : 103216
Lot: S9303**Formula:** $C_9H_{12}N_2O_6$
CAS #: 58-96-8
Physical Description : White Powder**Formula Weight :** 244.21
Storage: 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	~99%	99.9% (HPLC)
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	160 - 171°C	167-169 °C
UV/Vis: λ max (water) OD250/OD260 OD280/OD260	260 - 263 nm 0.72 - 0.77 0.32 - 0.38	261.14 nm 0.75 0.34

Specific Rotation: +8.8°

Loss on Drying: 0.1%

Residue on Ignition: 0.07%

Heavy Metals: ≤ 10 ppm

Assay (UV): 100%

Assay (HPLC): 99.2%

Recommended Retest Date (MM/DD/YYYY): 05/17/2024

09/02/2022 - Fengqi An
MP Biomedicals, LLC.
Life Science QC SupervisorThis is an electronically generated document
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