

BIO SPECTRA

100 Majestic Way, Bangor, PA 18013 / www.biospectra.us

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|----------------------|--|--------------------|-----------------------|
| Effective Date: | 12-JUL-2023 | 12-JUL-2026 | : Date of Next Review |
| Prepared By: | Amy Yencho | BSI-COA-0196 v.1.1 | : Supersedes |
| QA/QC Approval: | Wayne Talamonti | Dora Meissner | : Management Approval |
| Reason for Revision: | See Revision History in MasterControl. | | |

CERTIFICATE OF ANALYSIS

URIDINE

BIO EXCIPIENT GRADE / URID-3250-93

LOT: URID-0123-00008

$C_9H_{12}N_2O_6$ ^ F.W. 244.20 g/mol ^ CAS# 58-96-8
 Manufacture Date: 5/31/23 Retest Date: 5/31/25
 Manufacturing Site: 100 Majestic Way, Bangor PA, 18013
 Packaging Date: 6/23/23
 Packaging Site: 100 Majestic Way, Bangor PA, 18013

| ANALYSIS | SPECIFICATION | TEST RESULT |
|----------------------|--|--|
| Appearance and Color | White to almost white powder | White to almost white powder |
| Assay (HPLC) | 98.0 – 102.0% | 100.3% |
| Bioburden | TAMC | <100 CFU/g |
| | TYMC | <100 CFU/g |
| Endotoxin | ≤ 0.5 EU/mg | <0.5 EU/mg |
| Heavy Metals | ≤ 10 ppm | <10 ppm |
| HPLC Purity | ≥ 99% | 100% |
| Identification (IR) | Conforms to Spectrum of Reference Standard | Conforms to Spectrum of Reference Standard |
| Loss on Drying | ≤ 0.5% | <0.5 % |
| Residue on Ignition | ≤ 0.1% | <0.1 % |
| Transparency | ≥ 98.0% | 99.8% |
| UV Assay | ≥ 98.0% | 99.2% |

COUNTRY OF ORIGIN: U.S.A.

TEST METHOD REFERENCE: DCN: BSI-ATM-0086

INTENDED USE: Material represented by this Certificate of Analysis is suitable for use as an Excipient. It is manufactured in accordance with the ICH Q7 Good Manufacturing Practice Guide. The material represented by this Certificate of Analysis is not suitable to be used as an Active Pharmaceutical Ingredient, Drug Product, or Household Item.

SHELF LIFE STATEMENT: Retest Date is assigned based on industry standard only.

Prepared by: Cheryl McCall Date: 7/14/23 Job Title: QA Support Tech

Reviewed by: Car Allet Date: 7/14/03 Job Title: Assoc. Director of Quality