



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

Effective Date:	22-Jan-2025	22-Jan-2028	: Date of Next Review
Prepared By:	Amy Yenko	Not Applicable	: Supersedes
QA/QC Approval:	Krista Rehrig	Carissa Albert	: Management Approval
Reason for Revision:	See Revision History in MasterControl.		

**CERTIFICATE OF ANALYSIS**  
**URIDINE**  
**BIOTECH, LBLE, GMP**  
**BIO PHARMA GRADE / URID-4250**  
**LOT: URID-N02-1024-0016**

$C_9H_{12}N_2O_6$  \* F.W. 244.20 g/mol \* CAS# 58-96-8

Manufacture Date: 10/04/24

Manufacturing Site: 100 Majestic Way, Bangor PA, 18013

Packaging Site: 100 Majestic Way, Bangor PA, 18013

ANALYSIS	SPECIFICATION	TEST RESULT
Ammonium	$\leq 1500$ ppm	$< 1500$ ppm
Appearance and Color	White to almost white powder	White to almost white powder
Assay	98.0 - 102.0 %	100.5 %
Bioburden	TAMC $\leq 100$ CFU/g	$< 100$ CFU/g
	TYMC $\leq 100$ CFU/g	$< 100$ CFU/g
Chloride	$\leq 500$ ppm	$< 500$ ppm
Endotoxin	$\leq 0.5$ EU/mg	$< 0.5$ EU/mg
Heavy Metals	$\leq 10$ ppm	$< 10$ ppm
Identification, IR	Conforms to Reference Standard	Conforms to Reference Standards
Insoluble Matter	$\leq 0.1$ %	$< 0.1$ %
Loss on Drying	$\leq 0.5$ %	0.1 %
Purity	$\geq 99.0$ %	100.0 %
Residue on Ignition	$\leq 0.1$ %	0.1 %
Solubility (Color)	Colorless	Colorless
Solubility (Turbidity)	Clear	Clear
Total Phosphorus	$\leq 160$ ppm	$< 30$ ppm

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ANALYSIS	SPECIFICATION	TEST RESULT
Aluminum (Al)	$\leq 5$ ppm	< 1.5 ppm
Calcium (Ca)	$\leq 100$ ppm	2.2 ppm
Copper (Cu)	$\leq 5$ ppm	< 1.5 ppm
Iron (Fe)	$\leq 30$ ppm	< 1.5 ppm
Trace Metals Potassium (K)	$\leq 50$ ppm	< 15 ppm
Magnesium (Mg)	$\leq 30$ ppm	< 1.5 ppm
Sodium (Na)	$\leq 200$ ppm	< 15 ppm
Lead (Pb)	$\leq 50$ ppm	< 0.15 ppm
Zinc (Zn)	$\leq 5$ ppm	< 1.5 ppm
Transparency	$\geq 98.0$ %	99.8 %
UV Assay	$\geq 98.0$ %	100.0 %

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 a process chemical. It is manufactured in accordance with the IPEC-PQG Joint Good Manufacturing Practice Guide. The material represented by this Certificate of Analysis is not suitable to be used as an Active Pharmaceutical Ingredient, Drug, Drug Product, or Household Item.

Prepared by: Anil McCall Date: 6/20/25 Job Title: QA Tech III

Reviewed by: Car Albert Date: 6/20/25 Job Title: Senior Quality Manager