



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

Effective Date:	3-Feb-2025	3-Feb-2028	: Date of Next Review
Prepared By:	Taylor Yurick	BSI-COA-0220 v.2.2	: Supersedes
QA/QC Approval:	Jaron Hughes	Carissa Albert	: Management Approval
Reason for Revision:	See Revision History in MasterControl.		

CERTIFICATE OF ANALYSIS
URACIL
BIO PHARMA GRADE / URAC-4250
LOT: URAC-E02-0425-0009

$C_4H_4N_2O_2$ * F.W. 112.09 g/mol. * CAS# 66-22-8

Manufacturing Date: 04/24/25 Retest Date: 04/30/27

Manufacturing Site: 100 Majestic Way, Bangor PA, 18013

Packaging Site: 100 Majestic Way, Bangor PA, 18013

ANALYSIS	SPECIFICATION	TEST RESULT
Appearance and Color	White to Slightly Yellow Powder	White to Slightly Yellow Powder
Assay (dried basis)	$\geq 98\%$	101%
Chlorides	≤ 100 ppm	≤ 100 ppm
Endotoxin content	≤ 3 EU/g	< 2 EU/g
Heavy Metals	≤ 20 ppm	≤ 20 ppm
Identification (IR)	Passes Test	Passes Test
Loss on Drying	$\leq 0.50\%$	$< 0.01\%$
Melting Point	$\geq 300^\circ\text{C}$ (Target 335°C)	$> 300^\circ\text{C}$
Reaction	Passes Test	Passes Test
Residue on Ignition	$\leq 0.10\%$	$< 0.01\%$
Solubility	Passes Test	Passes Test
Sulfates	≤ 400 ppm	≤ 400 ppm
TAMC	≤ 100 CFU/g	< 100 CFU/g

COUNTRY OF ORIGIN: U.S.A.

TEST METHOD REFERENCE: DCN: BSI-ATM-0016

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: Amil McCall Date: 6/23/25 Job Title: QA Tech III

Reviewed by: Jaron Hughes Date: 6/23/25 Job Title: QA Supervisor

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