

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

Effective Date:	25-Jun-2020	25-Jun-2023	: Date of Next Review
Prepared By:	Amy Hosein	Not Applicable	: Supersedes
QA/QC Approval:	Wendy Santay	Amy Yenko	: Management Approval
Reason for Revision:	See Revision History in ensur.		

CERTIFICATE OF ANALYSIS
GUANIDINE THIOCYANATE
BIO ULTRA GRADE / GT5221 – K010
LOT: GT5221-002-0620

NH₂C(NH)NH₂:HSCN * F.W. 118.16 g/mol. * CAS#: 593-84-0
 Manufacturing/Packaging Date: 6/26/20 Retest Date: 6/30/22
 Packaging Site: 100 Majestic Way, Bangor PA, 18013

ANALYSIS	SPECIFICATION	TEST RESULT
Appearance and Color	White / Crystals	White / Crystals
Assay, Dried Basis	≥ 99.0%	99.9%
Enzymes	DNase	None Detected
	RNase	None Detected
Identification (IR)	Conforms to Structure	Conforms to Structure
Solubility (Colour)	Colorless	Colorless
Solubility (Turbidity) 100mg/mL H ₂ O	Clear	Clear

COUNTRY OF ORIGIN: ChinaTEST METHOD REFERENCE: 16-000043

INTENDED USE: Material represented by this Certificate of Analysis is suitable for use as a process chemical. The material represented by this Certificate of Analysis is not suitable to be used as an Excipient, Active Pharmaceutical Ingredient, Drug, Drug Product or Household Item.

Prepared by: Ci Date: 06/26/20 Job Title: QA SupervisorReviewed by: Wendy Santay Date: 06/26/20 Job Title: QA Manager