

Certificate of Analysis



SCIENTIFIC

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An ISO 9001 Certified Company

GUANIDINE THIOCYANATE

PRODUCT NUMBER

IB05100 _____ 500gm

LOT NO.

Lot# _____ 19J3001

STORAGE

Store at room temperature. Keep tightly sealed. Protect from moisture.
Light Sensitive.

CAS NO.

CAS# _____ 593-84-0

SPECIFICATIONS

	Specification	Analysis	Disposition
Appearance	White to off-white crystalline	Conforms	PASS
Solubility (20% in Water)	Colorless clear solution	Conforms	PASS
Melting Point	116.9 - 117.9°C	Conforms	PASS
Anion	Chloride < 1%	Conforms	PASS
Cation	Ammonium (NH ₄) < 0.1%	Conforms	PASS
	Iron (Fe) < 1ppm	Conforms	PASS
	Calcium (Ca) < 5ppm	Conforms	PASS
	Zinc (Zn) < 5ppm	Conforms	PASS
DNase, RNase, Protease	None Detected	Conforms	PASS
Water Content (Karl Fisher)	0.25%	Conforms	PASS
pH	6.32	Conforms	PASS
UV Ratios	UV-Absorbance	Conforms	PASS
	A _{280nm} : 0.21 (35% in water)	Conforms	PASS
	A _{300nm} : 0.022 (35% in water)	Conforms	PASS
Sulfated Ash	< 0.1%	Conforms	PASS
Assay	99.68% (Ion Chromatography)	Conforms	PASS

DATE OF

Manufacture Date: _____ 10/06/2019

CERTIFICATION

We certify that this batch conforms to the specifications listed above and has been reviewed by a quality representative. This document has been electronically produced and signed by IBI SCIENTIFIC.

Toby Frericks
Quality Control

06/02/21
Date

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

Building Quality Scientific.