

Certificate of Analysis



SCIENTIFIC

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An ISO 9001 Certified Company

GUANIDINE HCL

PRODUCT NUMBER

IB05080 _____ 500gm

LOT NO.

Lot# _____ 20J2011

STORAGE

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

CAS NO.

CAS# _____ 50-01-1

SPECIFICATIONS

	Specification	Analysis	Disposition
Appearance	White crystals	Conforms	PASS
Solubility (20% in Water)	Colorless clear solution	Conforms	PASS
Melting Point	187.1 - 187.7°C	Conforms	PASS
Heavy Metals	as Fe < 0.1ppm	Conforms	PASS
Cation	Ammonium (NH ₄) None	None Detected	PASS
DNase, RNase, Protease	None Detected	None Detected	PASS
Water Content (Karl Fisher)	0.23%	Conforms	PASS
pH	6.53	Conforms	PASS
UV Ratios	A _{280nm} : 0.01	Conforms	PASS
	A _{260nm} : 0.02	Conforms	PASS
Insoluble Material	None Detected	None Detected	PASS
Related Substances	Dicyanodiamide < 0.01%	Conforms	PASS
	Melamine 0.01%	Conforms	PASS
Ash	None Detected	None Detected	PASS
Assay by Titration	99.82%	Conforms	PASS

DATE OF

Manufacture Date: _____ 09/30/2020

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

10/05/20
Date

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

Building Quality Scientific.