

BIOSPECTRA

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

GUANIDINE THIOCYANATE SPECIFICATION SHEET

BIO EXCIPIENT GRADE / GT3220

$\text{NH}_2\text{C}(\text{NH})\text{NH}_2\cdot\text{HSCN}$ * F.W. 118.16 g/mol. * CAS# 593-84-0

ANALYSIS		SPECIFICATIONS
Absorbance	280nm	0.300 a.u. max.
	300nm	0.050 a.u. max.
	340nm	0.030 a.u. max.
Appearance and Color		White / Crystals
Assay		99.5% min.
Enzymes	DNase	None Detected
	RNase	None Detected
	Protease	None Detected
Identity (IR)		Passes Test
Loss on Drying		0.5% max.
Melting Range		115-121°C
pH (5% Solution)		5.0 – 7.0
Solubility (35%)		Passes Test
Trace Metals	Arsenic (As)	5 ppm max.
	Copper (Cu)	5 ppm max.
	Iron (Fe)	5 ppm max.
	Lead (Pb)	5 ppm max.