

BIOSPECTRA

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GUANIDINE HYDROCHLORIDE SPECIFICATION SHEET BIO EXCIPIENT GRADE / GH3220

$\text{NH}_2\text{C}(\text{NH})\text{NH}_2 \cdot \text{HCl}$ ▲ F.W. 95.53 g/mol. ▲ CAS# 50-01-1

ANALYSIS		SPECIFICATIONS
Absorbance (6M)	230 nm	0.2000 a.u. max.
	260 nm	0.0300 a.u. max.
	275 nm	0.0300 a.u. max.
Appearance and Color		White / Crystals
Assay		99.5% min.
Enzymes	DNase	None Detected
	Protease	None Detected
	RNase	None Detected
Identification (IR)		Passes Test
Insoluble Matter		0.15% max.
Loss on Drying		0.5% max.
Melting Range		184-188°C
Nitrate		0.01% max.
pH (6M)		4.5-6.0
Residue on Ignition		0.05% max.
Solubility (6M)		Passes Test
Sulfate		0.01% max.
Trace Metals	Arsenic (As)	5 ppm max.
	Copper (Cu)	5 ppm max.
	Iron (Fe)	5 ppm max.
	Lead (Pb)	5 ppm max.