



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

UREA

SPECIFICATION SHEET

BIO ULTRA GRADE / UR5220

NH₂CONH₂ ▲ F.W. 60.06 g/mol. ▲ CAS# 57-13-6

ANALYSIS		SPECIFICATIONS
Alcohol Insoluble Matter		0.04% maximum
Appearance and Color		White / Crystals
Assay		99.0-100.5%
Chloride		0.0005% maximum
Heavy Metals		10 ppm maximum
Identification A		Passes Test
Identification B		Passes Test
Identification (IR)		Passes Test
Insoluble Matter		0.010% maximum
Loss on Drying		1.0% maximum
Melting Range		132-135 °C
Residue on Ignition		0.010% maximum
Sulfate		0.001% maximum
Trace Metals	Iron (Fe)	10 ppm maximum
	Lead (Pb)	5 ppm maximum