GLOBAL RESOURCES DIRECT
STRAIGHT FROM THE SOURCE

Creatine Monohydrate 200 Mesh

SPECIFICATION SHEET

PRODUCT NAME: Creatine Monohydrate 200 Mesh **COUNTRY OF ORIGIN:** Multiple country of origin

ITEM	SPECIFICATION		METHOD
PHYSICAL & CHEMICAL			
Identification	Corresponds to Reference Standard		*HPLC || USP<621>*
Appearance	White powder		*Organoleptic*
Assay	NLT (%)	99.0	*HPLC || USP<621>*
Particle Size		200 mesh	*USP<786>*
Loss on Drying	NMT (%)	12.0	*USP<731>*
Bulk Density	Between (g/100ml)	20-60	*USP<616>Method I*
Residue on Ignition	NMT (%)	0.1	*USP<281>*
Creatinine	NMT (ppm)	100	*HPLC || USP<621>*
Dicyanamide	NMT (ppm)	20	*HPLC || USP<621>*
Sulfate	NMT (%)	0.03	*Colorimetry*
Cyanide	NMT (%)	1	*Colorimetry*
Impurity	NMT (%)	1	*Calculation*
CONTAMINANTS			
Lead (Pb)	NMT (ppm)	2.0	*ICP-MS || USP<730>*
Arsenic (As)	NMT (ppm)	2.0	*ICP-MS || USP<730>*
Cadmium (Cd)	NMT (ppm)	1.0	*ICP-MS || USP<730>*
Mercury (Hg)	NMT (ppm)	1.0	*ICP-MS || USP<730>*
MICROBIOLOGICAL			
Total Plate Count	NMT (ppm)	10,000	*USP<2021>*
Yeast & Mold	NMT (ppm)	1,000	*USP<2021>*
E.Coli.	Absent (cfu/10g)		*USP<2022>*
Salmonella	Absent (cfu/10g)		*USP<2022>*
Staphylococcus aureus	Absent (cfu/10g)		*USP<2022>*

PACKING & STORAGE Packedin a polyethylene lined corrugated package.
Store in a well-closed container away from moisture, light, and heat.

SHELF LIFE 36 months if under the conditions above and in its original packaging.

This specification is provided for informational purposes only. All data within this final contractual term must be agreed to between Global Resources Direct LLC and the customer. The customer must undertake their own investigation to determine the suitability of this product for their intended use. To the maximum extent permitted by law, Global Resources Direct LLC will not be responsible for damages of any nature resulting from the use or reliance upon the information contained in this datasheet. No express or implied warranties are given other than those implied mandatory by law. Global Resources Direct LLC holds the right of changing the product specification.