


Product Technical Data Sheet

Product name:  **Creatine Monohydrate 500 mesh**

Item	Standard	Analysis Method
Appearance & Solubility		
Appearance	White to off-white fine powder	
Typical Analysis		
Assay	≥ 99.5%	Liquid Chromatogram
Loss on Drying	≤ 12.0%	USP <731>
Residue on Ignition	≤ 0.1%	USP <281>
Particle Size	500 mesh	Sieving
Test of Sulfuric Acid	No Carbonation	Visual
Creatinine	100ppm Max	Liquid Chromatogram
Sulphate	≤ 1ppm	Colorimetry
Dicyanamide	≤ 1ppm	Liquid Chromatogram
Cyanide	≤ 1ppm	Colorimetry
Heavy metals		
Total Heavy Metals	≤ 10 ppm	ICP-MASS
Lead	≤ 1.0 ppm	ICP-MASS
Arsenic	≤ 1.0 ppm	ICP-MASS
Cadmium	≤ 1.0 ppm	ICP-MASS
Mercury	≤ 0.1 ppm	ICP-MASS
Microorganism		
Total Plate Count	≤1,000 cfu/g	USP <61>
Total Molds & Yeasts	≤100 cfu/g	USP <61>
E.Coli	Negative/g	USP <62>
Salmonella	Negative/25g	USP <62>
S.Aureus	Negative/g	USP <62>
Storage & Shelf Life		
Package	25kgs/drum	
Shelf life	The shelf life for the product is 24 months from date of production. Use it as soon as possible once it is opened.	
Storage	Store in unopened original package under clean and dry condition, away from sunlight	