

## SPECIFICATION

<b>Product Name/产品名称</b>	Creatine Monhydrate	<b>Formula/化学式</b>	C <sub>4</sub> H <sub>9</sub> N <sub>3</sub> O <sub>2</sub> .H <sub>2</sub> O
<b>Shelf Life/保质期</b>	2 Years	<b>Country of Origin/原产地</b>	China

<b>Characters/性状</b>	<b>Reference/检测方法</b>	<b>Standard/标准</b>
<b>Appearance/外观</b>	Visual	White Powder
<b>Odour/气味</b>	Organoleptic	Characteristic
<b>Taste/滋味</b>	Organoleptic	Characteristic

<b>Assay/含量</b>	<b>Reference/检测方法</b>	<b>Standard/标准</b>
<b>Creatine Monhydrate/一水肌酸</b>	USP<621>	99.5-102%

<b>Item/检测项目</b>	<b>Reference/检测方法</b>	<b>Standard/标准</b>
<b>Particle Size/细度</b>	200 mesh screen	Min. 70% pass 200 mesh
<b>Bulk Density/堆密度</b>	USP<616>	≥400g/L
<b>Loss on Drying/干燥失重</b>	USP<731>	10.5-12%
<b>Creatinine</b>	USP<621>	≤100ppm
<b>Dicyanamide</b>	USP<621>	≤50ppm
<b>Dihydrotriazine</b>	USP<621>	≤0.0005%
<b>Any unspecified impurity</b>	USP<621>	≤0.1%
<b>Total unspecified impurities</b>	USP<621>	≤1.5%
<b>Total impurities</b>	USP<621>	≤2.0%
<b>Sulfate</b>	USP<221>	≤0.03%
<b>Residue on Ignition</b>	USP<281>	≤0.1%
<b>Test of Sulfuric Acid</b>	USP<271>	No Carbonation
<b>Heavy Metal/重金属</b>	USP<231>	Max. 10 ppm
<b>Lead/铅</b>	AAS	Max. 1 ppm
<b>Arsenic/砷</b>	AAS	Max. 1 ppm
<b>Cadmium/镉</b>	AAS	Max. 1 ppm
<b>Mercury/汞</b>	AAS	Max. 0.1 ppm
<b>Total Bacterial Count/</b>	USP<2021>	Max. 100 CFU/g
<b>Mold and Yeast/霉菌酵母菌</b>	USP<2021>	Max. 100 CFU/g
<b>E. Coli/大肠杆菌</b>	CP<2020>	Negative/1g
<b>*Salmonella/沙门氏菌</b>	CP<2020>	Negative/25g

<b>Storage/存储</b>	Store in cool, dry, clean storage areas. Away from strong direct light and heat.
<b>Packing/包装</b>	Packed in fibre-drum with two food grade PE bags inside N.W.: 25Kg/Drum.

<b>Statements/声明</b>
Non-Irradiated, Non-ETO, Non-GMO, Non-Allergen
The item marked with * is tested at a set frequency based on risk assessment.