



## CERTIFICATE OF ANALYSIS

<b>Product Name:</b>	Creatine Monohydrate	<b>Batch Number:</b>	YT20210506
<b>CAS No.:</b>	6020-87-7	<b>Manufacture Date:</b>	May.06,2021
<b>Packing:</b>	25kg/Drum	<b>Analysis Date:</b>	May.06,2021
<b>Quantity:</b>	15000kgs	<b>Expiry Date:</b>	May.05,2023

ITEM	STANDARD	TEST RESULT
<b>Appearance</b>	White crystalline powder	Conforms
<b>Taste</b>	Tasteless	Conforms
<b>Odor</b>	Odorless	Conforms
<b>Clarity and colour of solution</b>	Clear and colourless	Conforms
<b>Creatine Monohydrate Assay</b>	≥99.5%	99.89%
<b>Loss on Drying</b>	≤12.00%	11.36%
<b>Residue on Ignition</b>	≤0.1%	Conforms
<b>Sulphate</b>	≤0.1%	Conforms
<b>Heavy metals</b>	≤10ppm	Conforms
<b>Lead</b>	≤1ppm	Conforms
<b>Cadmium</b>	≤1ppm	Conforms
<b>Arsenic</b>	≤1ppm	Conforms
<b>Mercury</b>	≤1ppm	Conforms
<b>Dicyanamide</b>	≤20ppm	Conforms
<b>Cyanide</b>	≤1ppm	Conforms
<b>Creatinine</b>	≤100ppm	82ppm
<b>Bulk density</b>	≥450g/L	717g/L
<b>Tapped bulk density</b>	≥650g/L	819g/L
<b>Residual Organic Solvents</b>	Negative	Negative
<b>Total plate count</b>	≤1000CFU/g	Conforms
<b>Yeasts</b>	≤100CFU/g	Conform
<b>Moulds</b>	≤100CFU/g	Conform
<b>E-coli</b>	NOT PRESENT	Negative
<b>Staphylococcus Aureus in 1 G</b>	NOT PRESENT	Negative
<b>Salmonella in 1 G</b>	NOT PRESENT	Negative
<b>Coliforms</b>	NOT PRESENT	Negative



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<b>Conclusion</b>	The test results accord with a standard(200 mesh)
<b>Storage</b>	Store in cool and dry places. Keep away from strong light and heat
<b>Packing</b>	By 25kg/Drum
<b>Shelf Life</b>	24 months under the above condition,and in it's original package

**Quality Assurance Officer: Weiqiang Hu**

