

**CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	Creatine HCL	<b>Batch No.</b>	JL20240711
<b>CAS</b>	17050-09-8	<b>MF Date</b>	JUL.11,2024
<b>Packing</b>	25KG/Carton	<b>Analysis Date</b>	JUL.11,2024
<b>Quantity</b>	3000kg	<b>Expiry Date</b>	JUL.10,2026
<b>ITEM</b>	<b>STANDARD</b>	<b>RESULT</b>	
<b>Content Assay</b>	99.0% Min	99.39%	
<b>Creatin</b>	78.00%-79.00%	78.22%	
<b>Hydrochloride</b>	21.00%-22.00%	21.11%	
<b>Creatinine</b>	1.0% Max	0.5844%	
<b>Appearance</b>	White Crystalline Powder	White Crystalline Powder	
<b>Clarity And Colour Of Solution</b>	Clear And Colourless	Conformed	
<b>Loss On Drying</b>	0.5% Max	0.38%	
<b>Residue On Ignition</b>	1.0% Max	0.43%	
<b>Melting Range</b>	134-144°C	134-144°C	
<b>Bulk Density</b>	0.6g/ml Min	0.63g/ml	
<b>Tap Density</b>	0.7g/ml Min	0.75g/ml	
<b>Heavy Metals</b>	10ppm Max	Conformed	
<b>Arsenic</b>	1ppm Max	Conformed	
<b>Lead</b>	1ppm Max	Conformed	
<b>Cadmium</b>	1ppm Max	Conformed	
<b>Mercury</b>	0.1ppm Max	Conformed	
<b>Total Plate Count</b>	1000cfu/g Max	Conformed	
<b>Coliform</b>	Negative (feminine)	Conformed	
<b>E.Coli &amp; Salmonella</b>	Negative (feminine)	Conformed	
<b>Yeast &amp; Mould</b>	100cfu/g Max	Conformed	
<b>Staphylococcus Aureus</b>	Negative (feminine)	Conformed	
<b>Conclusion</b>	<b>Qualified</b>		

 Analyst: *Wen Qian*

 Quality Assurance Officer: *Zhan Peng*
