

PREMIUM INGREDIENT CO.,LTD

CERTIFICATE OF ANALYSIS

DATE OF CERTIFICATE: 2021.04.22			
Product Name	Creatine HCL	BATCH NO.	2102007L
Manufacturing Date	2021.04.15	Expiry Date	2022.04.14
Formula	Creatine HCL	CAS NO.	17050-09-8
Test Results			
Test Item	Standard	Result	
Appearance	White powder	White powder	
Assay	≥99.0%	99.6%	
Loss on drying	≤1.0%	0.16%	
Residue on Ignition	≤0.1%	0.05%	
Water	≤0.5%	0.1%	
Bulk Density	600-850g/L	690g/L	
Creatine	78.0-79.0%	78.1%	
HCL	≥21.0%	21.5%	
Creatinine	≤1.0%	0.56%	
**Heavy Metals	≤5ppm	conformed	
**Lead	≤0.2ppm	conformed	
**Arsenic	≤0.1ppm	conformed	
**Cadmium	≤0.1ppm	conformed	
**Mercury	≤1ppm	conformed	
Iron	≤5ppm	conformed	
Particle size	100% through 20 mesh, 5% through 80 mesh	Conformed	
Coliform Bacteria	≤10cfu/g	Conformed	
Total Bacterial Count	≤1000cfu/g	Conformed	
E.Coli	Negative	Negative	
Salmonella	Negative	Negative	
Yeast & Mould	≤100cfu/g	Conformed	
Staphylococcus Aureus	Negative	Negative	
FINAL CONCLUSION	QUALIFIED		
Reporter	姜新苗	Section Chief	张立强

**These items are tested periodically.

Notice: Store in cool, dry and ventilated warehouse, Keep away from moisture and sunshine. NOT FOR MEDICINAL USE.