INNER MONGOLIA CHENGXIN YONGAN CHEMICAL CO., LTD.
Tel: 0483-8193300 Fax: 0483-8193304
Address: Lantai Road North, Wusitai Town, Alxa Zuoqi Economic Development Zone,Alxa City, Inner Mongolia Province.

CERTIFICATE OF ANALYSIS

Product Name	Creatine Monohydrate	**Testing date**	2025.06.10
Formula	$C_4H_9N_3O_2 \cdot H_2O$	**Particle Size**	200 mesh
Test Item	**Standard**	**Result**	**Test Method**
Appearance	White powder	White powder	Visual
Identification	The testing samples's infrared absorption spectrum should be consistent with the reference map	Conformed	USP<197K>
	The retention time of the major peak of the Sample solution corresponds to that of the Standard solution, as obtained in the Assay	Conformed	USP<621>
Content Assay (dry basis)	99.5-102.0%	101.1%	USP<621>
Loss on drying	10.5-12.0%	11.4%	USP<731>
Creatinine	≤100ppm	22ppm	USP<621>
Dicyandiamide	≤50ppm	48ppm	USP<621>
Dihydrotriazine	≤0.0005%	None-Detectable	USP<621>
Any unspecified impurity	≤0.1%	None-Detectable	USP<621>
Total unspecified impurities	≤1.5%	None-Detectable	USP<621>
Total impurities	≤2.0%	0.0070%	USP<621>
Sulfate	≤0.03%	Conformed	USP<221>
Residue on Ignition	≤0.1%	0.03%	USP<281>
Bulk Density	≥400g/L	540g/L	USP<616>
Tapped Density	≥550g/L	730g/L	USP<616>
Test Of Sulfuric Acid	No Carbonation	Conformed	USP<271>
Heavy Metals	≤10ppm	Conformed	USP<231>
Lead	≤0.1ppm	0.001ppm	AAS
Arsenic	≤1ppm	Conformed	AAS
Mercury	≤0.01ppm	Conformed	AAS
Cadmium	≤1ppm	Conformed	AAS
Cyanide	≤1ppm	None-Detectable	Colorimetry
Particle size	≥70% through 200 mesh	73%	USP<429>
Total Bacterial Count	≤100cfu/g	＜10cfu/g	USP<2021>
Yeast & Mould	≤100cfu/g	＜10cfu/g	USP<2021>
E.Coli	Not detected/10g	Not detected	USP<2022>
Salmonella	Not detected/10g	Not detected	USP<2022>
Staphylococcus Aureus	Not detected/10g	Not detected	USP<2022>
Manufacturing Date	2025.06.07	**Expiry Date**	2027.06.06
BATCH NO.	F20250606C	**FINAL CONCLUSION**	QUALIFIED
Analyst	卢如月	**Section Chief**	张国浩

内蒙古诚信永安化工有限公司 INNER MONGOLIA CHENGXIN YONGAN CHEMICAL CO., LTD 胡兴哲

Notice: Preserve in tight, light-resistant containers.
QUANTITY:21250KG