



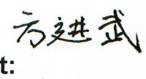
CERTIFICATE OF ANALYSIS

Product name	L-arginine	Manufacture date	Sep.27.2023
Batch number	PBM230927	Analysis date	Sep.28.2023
Batch quantity	15000kg	Expiry date	Sep.26 .2025

ANALYSIS	SPECIFICATION	RESULT
Appearance	White crystal powder	Complies
Identification (IR)	Concordant with the reference spectrum	Complies
Specific rotation(a)	+26.3° ~27.7°	+26.8°
Chloride(Cl)	≤0.05%	<0.05%
Sulfate(SO4)	≤0.03%	<0.03%
Iron (Fe)	≤30ppm	<30ppm
Loss on drying	≤0.50%	0.16%
Residue on Ignition	≤0.30%	0.01%
Heavy Metals	≤15mg/kg	<15mg/kg
As	≤2mg/kg	<2mg/kg
Assay	98.5%-101.5%	100%
Organic Impurities	Individual impurity ≤0.5% Total impurities ≤2%	Complies
conclusion	Conform with standard	
Storage	Store in the cool and dry place. Keep away from light and heat.	


Quality Assurance Officer:


Corrector:


Analyst: