



Certificate of Analysis

Product Name	AICAR Powder		
Molecular Formula	C ₉ H ₁₄ N ₄ O ₅		
Cas No.	2627-69-2	Batch No.	SW230125
Quantity	200kg	MFG. Date	2023.01.25
Test date	2023.01.26	Retest. Date	2025.01.24

ANALYSIS	SPECIFICATION	RESULT
Appearance	White powder	Conforms
Identification	Conform to the RT of Standard	Conforms
Assay	≥99.0%	99.6%
pH	7.0-7.2	7.2
Water content	≤2.0%	0.5%
Heavy Metal		
Cadmium(Cd)	≤0.2ppm	0.14ppm
Lead(Pb)	≤0.3ppm	0.08ppm
Arsenic(As)	≤0.3ppm	Conforms
Mercury(Hg)	Negative	Conforms
Microbial Limit		
Total microbial count	≤750CFU/g	95CFU/g
Fungi	≤100CFU/g	29CFU/g
Samonella	Negative	Conforms
E. Coli	Negative	Conforms
Conclusion	This product conforms to the specifications.	



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Packing description	Sealed export grade drum & double of sealed plastic bag
Storage	Store in a cool and dry place, stay away from strong light and heat
Shelf life	2 years when properly stored

Quality Assurance Officer



Corrector

Analyst