

CERTIFICATE OF ANALYSIS

Product Name	Niacinamide	CAS	98-92-0
Batch Number	BH241109CH	Analysis Date	2024-11-12
Manufacture Date	2024-11-09	Expiry Date	2026-11-08

Items	Standards	Results
Physical and chemical analysis:		
Description	Needle white crystal or powder	Qualified
Assay(By HPLC)	98.5-101.5%	99.4%
Ash Content	≤0.1%	0.08%
Loss on Drying	≤0.5%	0.37%
Solubility	Freely soluble in water and in alcohol. Soluble in Glycerin	Qualified
Melting Range	128- 131 deg.C	128.2-128.9 deg.C
Readily Carbonized Substances	To comply	Qualified
Chloride	≤0.053%	<0.014%
Sulfate	≤0.15%	<0.03%
Residue analysis:		
Heavy Metal	≤0.003ppm	<0.003ppm
Pb	≤2ppm	Qualified
As	≤2ppm	Qualified
Hg	≤0.5ppm	Qualified
Cd	≤2ppm	Qualified
Microbiological:		
Total Plate Count	≤10000cfu/g	Qualified
Yeast&Mold	≤100cfu/g	Qualified
E. coli	≤30cfu/g	Negative
Salmonella	Absent in 25g	Absent
Staphylococcus	Negative	Negative
General Information:		
Conclusion	Conform to specification.	
Storage	Keep in cool & dry place. Keep away from strong light and heat.	
Shelf life	24 months.	

Tested by: Tony Liu

Approved by: Mike He

Certified by: Albert Li

