Chengdu PNP Biotech Co., Ltd.

No. 13, South Section 1, Second Ring Road
Suite 709, Wuhou District, Chengdu
Sichuan 610041, P.R. China
info@pnpbiotech.com
www.pnpbiotech.com

SPECIFICATION SHEET

Niacinamide 99%

Product Name	Niacinamide	**CAS No.**	98-92-0
Molecular Formula	C6H6N2O	**Molecular Weight**	122.12

Test Item	Specification	Test Method
Appearance	White crystalline powder	Visual
Odor & Taste	Characteristic	Organoleptic
Identification (IR)	Conforms to reference	USP<197K>
Identification (UV)	A245/A262 ratio 0.63-0.67	UV-Vis
Assay (on dried basis)	99.0% - 101.0%	HPLC
Melting Range	128 - 131 °C	USP<741>
pH (5% solution)	6.0 - 7.5	USP<791>
Loss on Drying	≤ 0.5%	USP<731>
Sulfated Ash	≤ 0.1%	USP<281>
Heavy Metals	≤ 20 ppm	USP<231>
Lead (Pb)	≤ 2.0 ppm	ICP-MS
Arsenic (As)	≤ 2.0 ppm	ICP-MS
Total Plate Count	≤ 1,000 cfu/g	USP<2021>
Yeasts & Molds	≤ 100 cfu/g	USP<2021>
E. coli	Negative	USP<2022>
Salmonella	Negative	USP<2022>

Storage: Store in tightly sealed and preferably full containers in cool, dry and ventilated area.

Shelf Life: 24 months under above conditions, and kept in its unopened original packaging.

Prepared by: Mia Yu Approved by: Charlie Wang Date: Oct. 27, 2026