

SHANDONG KUNDA BIOTECHNOLOGY CO., LTD

ADDRESS: No.47, Nanyihuan Road, Yishui Economic Development Zone, Yishui County, Linyi City,

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TEL.: 86-21-60930721 FAX: 86-21-60930725

Specification

Product: Niacinamide -Food&USP Grade

Chemical formula: C₆H₇KO₂

CAS NO.: 98-92-0

EINECS NO.:202-713-4

Shelf Life: 36 months

Issue Date: July 1st, 2022

Items	Specification
Appearance	White crystalline powder
Solubility	Free soluble in water an in anhydrous ethanol, slightly soluble in methylene chloride
Identification	A:Infrared Absorption
	B:Ultraviolet Absorption:The A245/A262 ratio is 0.63-0.67
	C:Thin-layer chromatography
Assay(%)	99.0-101.0
Melting Range(°C)	128~131
Appearance of Solution	Not more intensely coloured than reference solution BY7
PH	6.0~7.5
Related Substances	Test as per EP10.0
Readily Carbonizable Substances	The sample solution has no more color than matching fluid A
Loss On Drying(%)	≤0.5
Sulfated Ash(%)	≤0.1
Residue on Ignition(%)	≤0.1
Heavy Metals((mg/kg)	≤20
Lead ((mg/kg)	≤2
Arsenic(mg/kg)	≤2

Comply with USP43 and EP10.0 Standard

Manufacturer: Shangdong Kunda Biotechnology Co., Ltd

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