

**ACROSS BIOTECH**

MAKE A DIFFERENCE

Certificate of Analysis

Product:	Nicotinamide feed grade	Cas No:	98-92-0
Quantity:	20MTs	Package:	25kg/carton
MFG Date:	2021/8/19	Batch No.:	2021081901
EXP Date:	2023/8/18	Standard:	EP

ITEMS	SPECIFICATIONS	TEST RESULT
Appearance	White crystalline powder	Complied
Solubility	Free soluble in water and in ethanol, slightly soluble in methylene chloride	Complied
Identification	Melting Point:128°C~131°C	129.2°C
	Infrared Absorption: compare with the nicotinamide crs	Complied
	Thin-layer chromatography	
Assay(%)	99.0-101.0	99.15
Appearance of 5% Solution	Not more intensely coloured than reference solution BY7	Complied
pH Value of 5% Solution(%)	6.0-7.5	6.49
Related Substances	Test as per EP9.0	Complied
Loss On Drying(%)	≤0.5	0.3
Sulphated Ash (%)	≤0.1	0
CONCLUSION	QUALIFIED(COMPLY WITH EP STANDARD)	

Inspector: Meng Cheng

Checker: Yun Li