

Certificate of Analysis

Product Name	Nicotinamide (vitamin b3)	Manufacture Date	May,22, 2019
Batch Number	PB190522	Analysis Date	May,25, 2019
Batch Quantity	2000kg	Expiration Date	May,21, 2021

ANALYSIS	SPECIFICATION	RESULT
Assay by HPLC	99.0%~101.0%	99.56%
Characters/appearance	White powder	Complies
Odor and taste	Characteristic	Complies
Residual solvent	Ethanol: ≤ 0.5 %	0.23%
Loss on drying	≤3%	0.76%
Sulphated ash	≤ 0.2 %	0.13%
Heavy Metals	≤1 ppm	Complies
Pesticides	< 1.3 ppm	negative
Microbiological quality	Ph. Eur. category 3A	
Total Plate Count	<1000cfu/g	50cfu/g
Yeast & Mold	<100cfu/g	10 cfu/g
E.Coli.	Negative	Negative
Salmonella	Negative	Negative
Packing & Storage	Cool and Dry In 25kg/drum	
Conclusion	Complied with CP2010	

Packing description	Sealed export grade drum & double of sealed plastic bag
Storage	Store in cool & dry place not freeze, keep away from strong light and heat
Shelf life	2 years when properly stored