



Hangzhou Mobel Biotechnology Co.,Ltd

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Certification of Analysis

Product and Batch Information			
Product Name	Beta-Nicotinamide Mononucleotide		
Batch Quantity	12kg	CAS#	1094-61-7
Batch No.	MB190908	Manufacture Date	Sept. 08th, 2019
Analysis Date	Sept. 08th, 2019	Expiry Date	Sept. 07th, 2021
Country of Origin	P.R. China	Reference	USP34.0
Item	Specification	Result	Test Method
Active Ingredient			
Assay(On dry basis)	95.0%~101.0%	99.10%	HPLC
Physical Control			
Appearance	White to off-white crystalline powder	Conforms	Visual
Loss on drying	NMT 5.0%	0.40%	USP<731>
Appearance of solution	5%w/v in water: Colorless to pale yellowand clear	Conforms	Organoleptic
Odor & taste	Characteristic	Conforms	Organoleptic
Chemical Control			
Heavy Metals	NMT 20ppm	Conforms	USP<231>
Arsenic (As)	NMT 1ppm	Conforms	IPC-MS
Microbiological Control			
Total Plate Count	NMT 1000cfu/g	Conforms	USP<2021>
Yeast & Mold	NMT 100cfu/g	Conforms	USP<2021>
E.Coli	Negative	Conforms	USP<2022>
Staphylococcus Aureus	Negative	Conforms	USP<2022>
Salmonella	Negative	Conforms	USP<2022>
Packing and Storage			
Packing: Pack in paper-Carton and two plastic-bags inside.			
Storage: Store in a well-closed container away from moisture and direct sunlight.			
Shelf Life :2 years if sealed and stored properly.			

Analyst: Wangli

Approver: Liuming