

No.: BPFN-639-A-00/3.0

CERTIFICATE OF ANALYSIS

Product Name	Inositol	Code	BPFN-639-A
Batch No.	N030563919A	Mfg. Date	May 26, 2019
Quantity	1000kg	Retest Date	May 25, 2021
Packing	25kg/Drum	Report Date	May 31, 2019
Specification	USP40-NF35		

ITEM	SPECIFICATION	RESULT
Appearance	White crystalline powder	Complies
Odor	Odorless	Complies
Taste	Sweet	Complies
Identification (A.B)	Meet specifications	Complies
Clarity and Color of Solution	Meet specifications	Complies
Melting Point	224°C -227°C	224.6°C -225.4°C
Loss on Drying	≤0.5%	0.06%
Residue on Ignition	≤0.1%	0.01%
Conductivity	≤20u s cm-1	17.94u s cm-1
Chloride	≤0.005%	<0.005%
Sulfate	≤0.006%	<0.006%
Calcium	Meet specifications	Complies
Barium	Meet specifications	Complies
Iron	≤0.0005%	<0.0005%
Heavy Metals (as Pb)	≤5ppm	<5ppm
-Pb	≤0.5ppm	Complies
-As	≤0.5ppm	Complies
-Hg	≤0.1ppm	Complies
-Cd	≤0.5ppm	Complies
Related Substance		
-Total Impurities	≤1.0%	Not Detected
-Individual Impurities	≤0.3%	Not Detected
Assay (on anhydrous basis)	97.0~102.0%	100.00%
Total Plate Count	≤1000cfu/g	30cfu/g
-Molds & Yeasts	≤100cfu/g	10cfu/g
-E.Coli	Negative/25g	Negative
-Salmonella	Negative/25g	Negative
Conclusion	Comply with the specification.	
Storage	Preserve in tight containers, protected from strong light and high heat.	

Analyst:

Reviewed by:

Approved by: