

Certificate of Analysis

Product Information	
Product Name:	β-NADPH
CAS No.:	2646-71-1
Batch No:	TRB-NADPH-210822
Manufacture Date:	Aug 22,2021
Expire Date:	Feb 21,2022
Country of Origin:	P.R. China

Item	Specification	Test Method	Test Result
Active Ingredients			
Purity(% ,On Dried Base)	98.0%Min (by 340nm)	HPLC	99.60%
Assay(% ,On Dried Base)	95.0%Min (by 340nm)	HPLC	95.40%
Physical Control			
Appearance	Fine powder	Visual	Complies
Color	White to light yellow	Visual	Complies
Odor	Characteristic	Organoleptic	Complies
Taste	Characteristic	Organoleptic	Complies
Loss on Drying	5.0% Max	CPh	Complies
Chemical Control			
Heavy metals	NMT10PPM	CPh	Complies
Arsenic(As ₂ O ₃)	NMT1PPM	CPh	Complies
Sulfate(SO ₄)	NMT 0.020PPM	CPh	Complies
Iron(Fe)	NMT10PPM	CPh	Complies
Chloride(Cl)	NMT 0.020%	CPh	Complies
Solvent Residual	Meeting USP Standard	GC	Complies
Microbiological Control			
Total Plate Count	1000cfu/g Max	USP	Complies
Yeast & Mold	100cfu/g Max	USP	Complies
E.Coli	Negative/10g	USP	Complies
Salmonella	Negative/25g	USP	Complies
Staph Aureus	Negative/10g	USP	Complies
Packing and Storage			
Packing	Pack in paper-drums and a Aluminum foil lined-bags inside. 25Kg/Drum		
Storage	Store in a well-closed container away from moisture and direct sunlight.		
Shelf Life	6 months if sealed and stored properly.		

南京桐芮生物科技有限公司
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Authorized Signature(s)