

CERTIFICATE OF ANALYSIS
GLYCERIN POWDER 65%

Product Name	Glycerol Powder 65%		
Batch No.	HP2024031402	Quantity	2000.000kg
Manufacturing Date	2024.03.14	Expiry Date	2026.03.13

Test Item	Specification	Result	Method
Physical and Chemical Analysis			
Appearance	White flowing powder	Conforms	Organoleptic
Odor	Characteristic and mild	Conforms	Organoleptic
Glycerol Content (dry basis)	NLT 65.0%	65.9%	CGC
Moisture	NMT 8.0%	0.9%	USP <921>
Particle Size	95% pass 20 mesh	Conforms	USP <786>
Ash	NMT 35.0%	32.1%	USP <281>
Heavy Metals*	NMT 20 ppm	< 20 ppm	ICP-MS
Lead (Pb)*	NMT 2.0 ppm	< 2.0 ppm	ICP-MS
Arsenic (As)*	NMT 2.0 ppm	< 2.0 ppm	ICP-MS
Cadmium (Cd)*	NMT 1.0 ppm	< 1.0 ppm	ICP-MS
Mercury (Hg)*	NMT 1.0 ppm	< 1.0 ppm	ICP-MS
Microbiological Analysis			
Total Plate Count	NMT 10000 cfu/g	10 cfu/g	USP <61>
Yeast & Mold	NMT 1000 cfu/g	< 10 cfu/g	USP <61>
E.Coli*	Negative in 10 g	Negative	USP <62>
Salmonella*	Negative in 10 g	Negative	USP <62>
S.Aureus*	Negative in 10 g	Negative	USP <62>
Others			
Storage Condition	Stored in tightly sealed container, away from moisture and direct sunlight.		
Packing	Aluminum foil bags in a net 20kg cardboard box.		
Shelf Life	24 months from manufacturing date.		

Items marked with * are periodically analysed.



March 20, 2024

Quality Manager
NNB Nutrition