

Certificate of Analysis

Product Name	Lycopene	Manufacture Date	2025.07.05
Batch quantity	5000 KG	Analysis Date	2025.07.05
Batch Number	NT20250705	Expiry Date	2027.07.04

Item	Specification	Result
Appearance	Red to Dark red powder	Conformed
Lycopene,%	≥5.0	5.67
Solubility	Soluble in cold water	Conform
Loss on drying,w/%	≤5.0	2.18
Residue on ignition	≤5.0	2.62
Individual Heavy metals		
Heavy metals	≤10 ppm	Conforms
Lead	≤1ppm	Conforms
Arsenic	≤1ppmg	Conforms
Mercury	≤1ppm	Conforms
Cadmium	≤1ppm	Conforms
Microbiologicals		
Total plate count, cfu/g	≤1000 CFU/g	Conformed
Yeast and Mold, cfu/g	≤100 CFU/g	Conformed
Coliforms,MPN/100g	≤30MPN/100g	Conformed
Staphylococcus, /g	Negative	Not detected
Salmonella, /25g	Negative	Not detected
CONCLUSION	Conform with specification	
Storage	Stored in dry and cool place, keep away from strong light and heat.	
Shelf life	Two years when properly stored	



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