



## CERTIFICATE OF ANALYSIS

Product Name:	Thaumatococcus	CAS NO.:	53850-34-3
Batch Number:	LYPH220725	Manufacture Date:	July,25th,2022
Batch Quantity:	500KG	Analysis Date:	July,25th,2022
Package:	/	Expiration Date	July,25th,2024
Molecular Mass:	Thaumatococcus I:22,209; Thaumatococcus II:22,293		

ANALYSIS	SPECIFICATION	RESULTS
Description(Color)	White particles or powder; No odor, sweet taste	Conforms
Solubility	Soluble in water, insoluble in acetone	Conforms
Loss on Drying	≤2.5%	1.5%
Sulfate	≤0.05%	Conforms
Residue on ignition	≤2.0%	1.6%
Heavy metals	≤0.0005%	Conforms
Relative substance	≤1.0%	0.73%
PH	5.0-6.5	5.71
HPLC	Conforms to structure	Conforms
Infrared Spectrum	Conforms to structure	Conforms
Microbiological Standard		
Yeast & Mould	≤100cfu/g	Conforms
Total bacterial count	≤1000cfu/g	Conforms
E.coli	Negative in 1 g	Conforms
Assay(HPLC)	98.0%-102.0%	99.66%

Conclusion	Conform with specification
Storage	Store in cool & dry place,keep away from strong light and heat
Shelf life	2 years when properly stored

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