



CERTIFICATE OF ANALYSIS

Product name	Chitosan oligosaccharide	Source	Mushroom
Batch number	GT0250717	Manufacture date	July 17. 2025
Batch quantity	1500kg	Expiry date	July 16. 2027

ANALYSIS	SPECIFICATION	RESULT
Deacetylation	≥98%	98.08%
Molecular weight	≤1000	Complies
Characters/appearance	Light yellow to brownish powder	Complies
Odor and taste	Characteristic	Complies
PH	5.5-7	5.6
Water	≤10%	9.3%
Mesh size/sieve analysis	100% pass 100 mesh	Complies
Total ash	≤ 2 %	0.58%
Heavy Metals		
As	≤ 1.0 ppm	Complies
Pb	≤ 2.0 ppm	Complies
Cd	≤ 0.5 ppm	Complies
Hg	≤ 0.5 ppm	Complies
Sum	≤ 10.0 ppm	Complies
Microbiological quality	Ph. Eur. category 3A	
Total Plate Count	≤1000cfu/g	112 cfu/g
Yeast & Mold	≤100cfu/g	28cfu/g
E.Coli.	Negative	Negative
Salmonella	Negative	Negative
Packing & Storage	Cool and Dry	

