



CERTIFICATE OF ANALYSIS

Product name	Carboxymethyl Chitosan	Manufacture date	Aug 14, 2024
Batch number	CC0240814	Analysis date	Aug 14, 2024
Batch quantity	40kg	Expiry date	Aug 13, 2026

ANALYSIS	SPECIFICATION	RESULT
Substituted ratio	90%	92.15%
Characters/appearance	White or light yellow powder	Complies
Odor and taste	Characteristic	Complies
PH	6-8	6.8
Viscosity	60mpa.s	Complies
Mesh size/sieve analysis	100% pass 80 mesh	Complies
Loss on drying	≤8%	7.92%
Total ash	≤ 2 %	0.66%
Heavy Metals		
As	≤ 2.0 ppm	Complies
Pb	≤ 1.0 ppm	Complies
Cd	≤ 0.5 ppm	Complies
Hg	≤ 0.5 ppm	Complies
Sum	≤ 20.0 ppm	Complies
Microbiological quality	Ph. Eur. category 3A	
Total Plate Count	≤1000cfu/g	210cfu/g
Yeast & Mold	≤100cfu/g	20 cfu/g
E.Coli.	Negative	Negative
Salmonella	Negative	Negative
Packing & Storage	Cool and Dry	

