

CERTIFICATE OF ANALYSIS

Product Name	CEROGA Xanthan Gum 80 mesh Type 402
Article	10215
Batch	36240794
Production Date	16.09.2024
Retest Date	15.09.2028

Parameters

Analysis Item	Specification	Result
Appearance	Cream-coloured powder	Conform
Solubility	Readily soluble in hot or cold water	Conform
Particle size (through 80 mesh)	min. 95.0 %	98.9 %
Viscosity (1% solution in KCl 1%)	1200–1600 mPa·s	1600
Viscosity ratio V1:V2	1.02–1.45	1.04
Loss on drying	max. 15.0 %	9.0 %
Ash on DM	max. 16.0 %	6.1 %
Lead (Pb)	max. 2 mg/kg	Conform
Ethanol + propan-2-ol (singly or in combination)	max. 500 mg/kg	243 mg/kg
Nitrogen	max. 1.5 %	Conform
Pyruvic acid	min. 1.5 %	5.1 %
Assay on DM (CO ₂)	4.2–5.0 % CO ₂ (≈91–108% xanthan gum)	Conform

Microbiological Tests

Analysis Item	Specification	Result
Total plate count	max. 2,000 cfu/g	130 cfu/g
Yeasts and moulds	max. 200 cfu/g	50 cfu/g
E. coli	Negative in 25 g	Negative
Salmonella spp.	Negative in 25 g	Negative
Xanthomonas campestris	No viable cells in 1 g	Conform