ROOTLAB

Certificate of Analysis

No. RTL-COA-GGLA-32250699

PRODUCT	BATCH NUMBER	SPECIFICATION
Rootlab Gellan Gum LA (low acyl) · RTLGGLA	**32250699**	**RTL-SPEC-GGLA v1.0**

PRODUCTION DATE	TEST DATE	REPORT DATE	EXPIRY DATE
30 Jun 2026	**30 Jun 2026**	**5 Jul 2026**	**29 Jun 2028**

PARAMETER	UNIT	SPECIFICATION	RESULT
PHYSICAL AND CHEMICAL			
Appearance		Off-white powder	**Pass**
Identification		Passes test	**Pass**
Assay, gellan gum content (dried basis)	%	85.0 to 108.0	**94.6**
pH (0.5% in deionised water)		4.5 to 7.0	**6.79**
Gel strength	g/cm²	≥850	**1382**
Transparency	%	≥75	**86.4**
Particle size (through 60 mesh)	%	≥92	**99**
Loss on drying	%	≤15.0	**7.28**
Residual 2-propanol (IPA) or ethanol	mg/kg	≤750	**40**
Total nitrogen	%	≤3	**<3**
Suspension		Passes test	**Pass**
HEAVY METALS			
Lead (Pb)	mg/kg	≤2	**<2**
Heavy metals (as Pb)	mg/kg	≤20	**<20**
Arsenic (As)	mg/kg	≤2	**<2**
Cadmium (Cd)	mg/kg	≤1	**<1**
Total mercury (Hg)	mg/kg	≤1	**<1**
MICROBIOLOGICAL			
Total plate count	cfu/g	≤10,000	**<100**
Yeasts and moulds	cfu/g	≤400	**<100**
Coliforms	MPN/100 g	≤30	**Not detected**
Salmonella		Not detected in 25 g	**Not detected**

Results are from the manufacturer's quality control analysis of this batch.

Conclusion: complies

This batch complies with RTL-SPEC-GGLA v1.0.

Spatni

Authorised signature

5 Jul 2026

Date

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