

Certificate of Analysis

PECTASOL-C

Ref: 100081

Batch N°: 0000044909

Sensory quality

Aspect:	Fine, free-flowing powder (compares to standard)
Color:	Beige (compares to standard)
Flavor:	Almost neutral odor and taste (compares to standard)

Analytical quality

	Value	Specification	Methods
Particle size:	< 1 %	max. 5 % > 315 µm	A292 – calc.
Degree of esterification (GC):	3.9 %	≤ 5 %	A309 – calc.
pH (1 % solution, 20 °C):	5.7	4.9 – 5.7	A300 – calc.
Loss on drying (2 h, 105 °C)	9.0 %	≤ 12 %	A303 – calc.
Density:	0.70 g/ml	≥ 0.65 g/ml	A104 – calc.
Tap density (100 taps):	0.86 g/ml	≥ 0.80 g/ml	A104 – calc.
Sodium:	3.6 %	2.0 – 5.0	ICP-MS – calc.
Potassium:	8.6 %	7.0 – 10.2	ICP-MS – calc.
Lead:	< 0.001 ppm	≤ 0.25 ppm	ICP-MS – calc.
Molecular weight (SEC, with polyethylenoxid or pullulan standard):	12'902 Da	3'000 – 13'000 Da	A287 – calc.
Monogalacturonic acid (HPLC):	6.5%	≤ 20 %	A306 – calc.
Irradiation detection:	not irradiated	not irradiated (<700)	PPSL – calc.
Solubility (shake test, 5/250):	passed	no insolubles	A312 – calc.

Microbiological quality

	Value	Specification	Methods
Total plate count:	600 cfu/g	< 1,000 cfu/g	M001 – calc.
Mould and yeast count:	< 10 cfu/g	< 100 cfu/g	M001 – calc.
Enterobacteriaceae:	conform	not detectable in 1 g	ISO– calc.
Salmonella:	conform	not detectable in 25 g	ISO – calc.

This batch complies with the specification.

Date of issue:	12.02.2026
Manufacturing date:	10.02.2026
Best before:	07.02.2030

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