

Certificate of Analysis**TYPE 4918– Organic gum arabic spray-dried powder****Control station number**

DE-ÖKO-005

Batch

PC-14217-001

Production / test date

03/03/2025 (month/day/year)

Best before

March 2028

Regulatory conformity

E 414, FCC

References

Bestellung 37521 - 2.000 kg netto

Analysis

Parameter	Target Value		Result	Method/ Reference
	Minimum	Maximum		
Appearance	coarse, white to yellowish spray-dried powder		conforms	internal method
Solubility	fast soluble in cold water forming a colloidal solution		conforms	internal method
Identification	passes tests		conforms	Ph. Eur.
Tragacanth	corresponding to the requirements		conforms	Ph. Eur.
Sterculia gum	corresponding to the requirements		conforms	Ph. Eur.
Starch, dextrin and agar	corresponding to the requirements		conforms	Ph. Eur.
Glucose and fructose	corresponding to the requirements		conforms	Ph. Eur.
Tannins	corresponding to the requirements		conforms	Ph. Eur.
Hydrolysis products	corresponding to the requirements		conforms	231/2012/EU
pH-value (10 % in H ₂ O w/w)	4	5	4,4	internal method
Total ash [%]		4,0	conforms	Ph. Eur.
Acid-insoluble ash [%]		0,5	conforms	FCC
Insoluble matter [%]		0,5	conforms	FCC
Loss on drying [%]		10,0	7,5	Ph. Eur.
Viscosity after 24 h [mPa s] ¹⁾	60	150	74	internal method
Specific optical rotation [°]	-25	-35	-28	internal method
Fiber (on dry matter) [%]	90		conforms	calculated
Arsenic [ppm]		0,5	conforms	ICP-MS
Lead [ppm]		0,1	conforms	ICP-MS
Mercury [ppm]		0,1	conforms	ICP-MS
Cadmium [ppm]		0,1	conforms	ICP-MS
Total plate count [cfu / g]		1000	20	ISO 4833-1
Yeast and Mould [cfu / g]		100	0	ISO 21527-2
E. coli [in 5 g]		absent	absent	ISO 16649-3
Salmonella spp. [in 25 g]		absent	absent	ISO 6579-1

1) 25 % in H₂O w/w, Brookfield, LVT, 60 min⁻¹, spindle 2, 25 °C**Remarks**

The material conforms to the given specification. Analyses are based on validated methods.

Packaging

Bags (paper with PE inliner or laminated) or big bags.

Report date

Hamburg, 03/10/2025

Issued by

QUALITY CONTROL (AUTOMATIC GENERATED COA, VALID WITHOUT SIGNATURE)

Warranty-relevant agreements can only be made in the respective purchase contract. Accordingly, the information in this data sheet is given to the best of our knowledge and belief and serves merely to provide a current description of the product which is not relevant to the warranty. A legally binding assurance of certain features or the suitability of the product for certain purposes cannot be derived from this. As a precaution, we point out that every user as purchaser is obliged by law to carry out an initial test of the product in order to determine the safety and suitability of the product for the purposes intended by the user.

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