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Jungbunzlauer

Certificate of Analysis

Creation date 19.09.2014		Your order no. / Date 54-03262 / 26.08.2014		Delivery note / Date of dispatch 80485336 000030 / 19.09.2014	
Our reference / Date 453421 000030 / 26.08.2014		Client number 200136		Date of arrival 24.09.2014	
Material / Product / Description 101552 / / Xanthan Gum FFST food grade fine ST in 20 kg cartons				Country of origin: AT	
Shipping point Jungbunzlauer Austria AG Factory Pernhofen 2064 Wulzeshofen					
Batch 2526825	Quantity 960 KG	Date of production 14.08.2014	Date of expiry 08.2017	Production plant Pernhofen/Wulzeshofen AT	
Parameter	Unit	Specification			Value
Description					conforms
free flowing powder					
Identification					conforms*
Assay	%	91,0	- 108,0		conforms*
Viscosity	mPa.s	1300	- 1700		1400
1% xanthan gum in 1 % KCl sol. (Brookfield LVTD, sp. 3, 60 rpm, 25 °C)					
Viscosity	mPa.s		>= 195		215
0,3 % xanthan gum in 5 % NaCl sol. (Brookfield, sp. 2, 60 rpm, 25°C)					
Viscosity		1,02	- 1,45		1,02
Viscosity ratio V1:V2					
Loss on drying	%		<= 12,0		9,2
pH (of 1% solution)		6,0	- 8,0		7,2
Isopropyl alcohol	mg/kg		<= 500		144
Powder colour			>= 60		93
Pyruvic acid	%		>= 1,5		conforms*
Ash	%	6,5	- 16,0		10,1
Nitrogen	%		<= 1,5		conforms*
Heavy metals	mg/kg		<= 20		conforms*
Arsenic	mg/kg		<= 2		conforms*
Lead	mg/kg		<= 2		conforms*
Mercury	mg/kg		<= 1		conforms*
Cadmium	mg/kg		<= 1		conforms*
Organic volatile impurities (USP-test)					conforms*
Other polysaccharides (Ph.Eur.-test)					conforms*
Total plate count in 1 gram	CFU	0	- 1000		< 30
E. coli in 25 grams		negativ			conforms
Coliformes in 25 grams		negativ			conforms
Salmonella in 25 grams		negativ			conforms
Pseud. aeruginosa in 1 gram		negativ			conforms
B. cereus in 1 gram		negativ			conforms
Staph. aureus in 1 gram		negativ			conforms
Enterococcus faecalis in 1 gram		negativ			conforms
Moulds in 1 gram	CFU		<= 50		conforms
Yeasts in 1 gram	CFU		<= 50		conforms
Xanthomonas campestris in 1 gram		negativ			conforms
Particle size < 0.180 mm (80 mesh)	%		>= 100		100
Particle size < 0.075 mm (200 mesh)	%		>= 92		99

We herewith confirm that this product meets the requirements of the latest edition of the European Pharmacopoeia

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