

Physico-chemical properties

Parameter		Unit	Parameters guaranteed
Appearance		-	White powder
pH		-	4,5-7,0
Moisture	max	%	13,0
Ash	max	%	0,2
Whiteness	min	%	90,0
SO ₂	max	mg/kg	10,0
Viscosity	min	BU	650,0
Total bacterial count	max	cfu/g	10 000
<i>Salmonella</i> , in 25 g		.	absent
Yeasts	max	cfu/g	100
Moulds	max	cfu/g	100
<i>E. coli</i> , in 0,1 g		-	absent
Coliform bacteria, in 0,1 g		-	absent

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	Unit	Minimum	Maximum	Method
Apperance	-	Clear, colorless, viscous , transparent and syrupy solution which is miscible with water		-
Refractive Index (20°C)	-	1,4580	1,4616	TL.LB.60
Dry Substance (20°C)	%	69,5	71,0	TL.LB.60
Specific Gravity (20°C)	g/ml	1,28	1,3	TL.LB.60
D-Sorbitol (Anhydrous Basis)	%	72	92	TL.LB.78
Reducing Sugar (as glucose in dry basis)	%	-	0,3	TL.LB.59
Reducing Sugar After Hydrolysis (Total sugar) - as glucose in dry basis	%	-	9,3	USP-NF
Water (Karl Fischer Method)	%	29,0	30,5	External Analysis
Chloride	mg/kg	-	50	TL.LB.139
Sulphate	mg/kg	-	100	TL.LB.29
Solubility	-	Totally Soluble		-
Sulphated Ash (In Dry Basis)	% (m/m)	-	0,1	TL.LB.34
pH (In solution)	-	5	7,5	TL.LB.41
Acidity	ml	-	0,2	TL.LB.188
Conductivity	(µs/cm)	-	10	TL.LB.45

Heavy metals

	Unit	Minimum	Maximum	Method
Nickel (Ni)	ppm	-	1	External Analysis
Arsenic (As)	ppm	-	1	External Analysis
Lead (Pb)	ppm	-	0,5	External Analysis
Heavy Metals (in terms of Pb)	ppm	-	10	External Analysis

Microbiological properties

Parameters	Unit	Minimum	Maximum	Method
Osmophilic Yeast	cfu/g	-	10	TL.LB.127
Mould	cfu/g	-	10	TL.LB.20
<i>Escherichia coli</i>		Absent		TL.LB.17
<i>Salmonellae</i>		Absent		External Analysis