



# Todo Droga

## BdV Behrens GmbH

Sophienterrasse 21 ♦ D-20149 Hamburg ♦ www.bdv-behrens.de ♦ Tel.: ++49-40-32 31 85-0 ♦ Fax.: ++49-40-32 31 85-25

### CERTIFICATE OF ANALYSIS #65698

As received from our supplier

**Product** : Sorbitol 70 % Solution(NON-CRYSTALLZING)  
**Quantity** : 24 MT net  
**Productions date** : 09/01/2021  
**Expiry date** : 08/01/2026

**Batch no.** : BN-00150121

Parameters	Specification	Results
Characters	A clear, colourless Syrupy liquid, miscible with water	A clear, colourless Syrupy liquid, miscible with water
Identification	A The principal peak in the chromatogram obtained with the test solution is similar in rent on time to the principle peak in the chromatogram obtained with reference solution (a)	Complies
	B Angle of rotation is +1.5 to +3.5	Complies
	C It is clear, syrupy liquid at a temp. of 25°C	Complies
Appearance of Solution	The solution is clear and colourless	Complies
pH (50% aqueous solution)	5.0-7.5	5.89
Specific Gravity at 25°C	min 1.285	1.298
Refractive Index at 20°C	1.455 to 1.465	1.458
Conductivity	NMT 10 µs/cm	1.984 µs/cm
Reducing Sugar	max 0.2%	0.159 % w/w
Reducing sugars after hydrolysis (Total Sugar)	max 9.3 %	5.94 % w/w
Lead	max 0.5 ppm	less than 0.5 ppm
Heavy metals	max 10 ppm	less than 1 ppm
Arsenic	max 2ppm	less than 1 ppm
Chloride	max 50 ppm	less than 3 ppm
Sulphates	max 125ppm	less than 3 ppm
Nickel	max 1 ppm	less than 0.5 ppm
Residue on Ignition	max 0.10% w/w	0.0198 % w/w
Water	between 28% to 32%	29.39 % w/w
Assay: D-Glucitol (on anhydrous basis)	between 72% to 92%	87.93 % w/w
Dry Substance	between 68% to 72%	70.61 % w/w
Total plate count	< 100 cfu/ml	< 10 cfu/ml
Yeast & Mold	< 10 cfu/ml	< 10 cfu/ml

Tel.: ++49-40-32 31 85-0  
Fax: ++49-40-32 31 85-25  
mail@bdv-behrens.de