



Certificate of Analysis

Plant:	Stölzle-Union s.r.o, U Sklářny 300, CZ-330 24 Heřmanova Hut		
Part No.:	69035450390	Item Description:	250 ml Syrup bottle
Drawing N°:	E162/00/97	Glass Color:	Amber
Lot N°:	240005215	Produced Quantity:	579,852

Production period from: 29.01.2020 **until** 03.02.2020 **Minimum Shelf Life:** 03.02.2025

Confirmation:

It is confirmed, that the above container conforms to the internal requirements, based on ISO 9001/15378. Inspection and testing were done according to the technical drawing, valid standards and valid "Defect Evaluation list for containers made from moulded glass", Vol. 14. The results do not exceed the permissible limits. Where alternative agreements exist between the supplier and customer, the relevant values have been based on these.

Glass Quality

Material type: Moulded Glass

Class: 3

Arsenic Content*:	Result:	< 0,1 ppm	Limit:	0,1 ppm
Heavy Metal Content*:	Result:	< 100 ppm	Limit:	100 ppm
Light transmission Ph.Eur., USP	Result:	0.3 %	Limit:	10 %
Hydrolytic class (powdered glass) Ph.Eur., USP	Result:	0.43 ml 0,02 N HCl	Limit:	0.85 ml 0,02 N HCl
Hydrolytic resistance inner surface Ph.Eur., USP	Result:	1.7 ml 0,01 N HCl	Limit:	2.9 ml 0,01 N HCl

Surface Treatment

Description	Unit	LSL	USL	Result
HE-Coating: TC 100	CTU	20	40	30.00
CE-Coating: T5				Conforming

Attributive and Variable Characteristics

Results

Characteristic	Unit	LSL	Nominal	USL	AVG	S-Dev
Through Bore Diameter	mm	16.00	16.00		17,70	0.30
Bore Diameter	mm	19.70	20.00	20.30	20.14	0.09
Bore Diameter Ovality	mm	0.00	0.00	0.60	0,10	0.04
Body Diameter mid	mm	60.70	62.00	63.30	62.15	0.24
Height	mm	153.00	154.30	155.60	155,01	0.17
Weight	g				205,20	24.13
Brimful capacity	ml	274.00	280.00	286.00	282,28	1.01

Visual Examinations

Specification	Result
Appearance: Acc. to Defect List	Conforming

Release

Release: Yes Comment:

Quality Department

Date: 4.2.2020

Signature:

QA Manager STU