

**VIOSER S.A**  
**QUALITY CONTROL DPT.**

**Control Tests on the Finished Product:**

**DEXTROSE 5% - ROMANIA - 250ML**

Batch No: 701030  
Prod. Date: 16/01/2017  
Expiry Date: 16/01/2020

Test for	Nominal Value	According to	Method	Test Results
Appearance	Clear solution	Ph.Eur.,2.2.1	Visually	Conform
pH	3.5-5.5	Ph.Eur.,2.2.3	potentiometer	4.53
Glucose	50 g/l $\pm$ 5%	Ph.Eur.,2.2.7	polarimeter	50.40
Discolouration (E 4cm/400nm)	< 0.050	Ph.Eur.,2.2.25	Spectrophotom.	0.004
5-HMF (E 1cm/284nm)	0.25	Ph.Eur., 2.2.25 0.4% test solution with reference to glucose	Spectrophotom.	0.038
Identification - Glucose	positive	Glucose-Oxidase- Reagent Paper		Conform
Sterility	sterile	Ph.Eur., 2.6.1	microbiolog.	Conform
Bacterial Endotoxins	< 0.25 IU/ml	Ph.Eur.,2.6.14	LAL-test	Conform
Expiry Date	shelf life: 3 years			01/2020
Extractable Volume	> declared volume	Ph.Eur.,2.9.17		Conform
Particulate Contamination -nonvisible particles-	$\geq 5 \mu\text{m} \leq 100/\text{ml}$ $\geq 10 \mu\text{m} \leq 25/\text{ml}$ $\geq 25 \mu\text{m} \leq 3/\text{ml}$	Ph.Eur.,2.9.19	Light Blockage	30.50 0.20 0.00

**EXPERT RESPONSIBLES:**

Chemist:

Biologist:

**DATE: 31/01/2017**

Quality Control Manager

Vasiliki Kefala