



KAVALIER

DECLARATION OF CONFORMITY

No. 237/KAG/2019

Issuer's name/ producer: **KAVALIERGLASS, a.s.**
Issuer's address/Producer: Křížová 1018/6, Prague 5
 office: Sklářská 359, 285 06 Sázava, Czech Republic

Object of the declaration: **FLASKS VOLUMETRIC with SJ
 and plastic stopper, class A**

Cat. No.: **1503 / APN**
 Purpose of use: **laboratory glassware**
 Material specification: **Borosilicate glass SIMAX® / clear**



The object of the certificate described above is in conformity with the requirements of the following standards and regulations:

Glass characteristics:

- ISO 3585 Borosilicate glass 3.3 – Properties.

Glass containers for pharmaceutical use:

- Eur. Ph. 9.8 – 3.2.1 Glass Type I.

Technical standards for products:

- ISO 1042 Laboratory glassware – One-mark volumetric flasks

Maximum permissible errors in capacity fulfill the values specified in Table 1/ISO 1042.

Table I – ISO 1042

Nominal capacity in ml		5	10	25	50	100	200	250	500	1000	2000
Max. permissible error ±ml	Class A	0,025	0,025	0,040	0,060	0,100	0,150	0,150	0,250	0,400	0,600

No heavy metals (lead, cadmium, mercury and hexavalent chromium):

- **RoHS** - Directive 2011/65/EU of the European parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment
- **REACH** - Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 - REACH - the object of the declaration does not contain any substance from the REACH - Candidate list of SVHC

Additional information:

Chemical characteristics (acc. to Regulation No 1907/2006/EC):

Composition/ Ingredients	CAS No.	EINECS No.	Component:	Percent:
	65997-17-3	266-046-0	Glass, oxide, chemicals	100%

Characteristics of Borosilicate glass SIMAX®:

- **Acid resistance** Class I. (to ISO 1776)
- **Hydrolytic resistance** Class I. (HGB1 to ISO 719; HGA1 to ISO 720)
- **Alkali resistance** Class II. (to ISO 695)
- **Coefficient of mean linear thermal expansion α : $3,3 \times 10^{-6} \text{ K}^{-1}$ (to ISO 7991; 20/300°C)**

The producer declares that the products are safe when used in usual and proper way.

The producer has installed the Quality Assurance System according to ISO 9001 and thus guarantees that all products delivered to the market are in full conformity with the technical documentation and with all fundamental requirements to such products.

Certificate No. 04 100 940602 issued by TÜV CERT, Certification Body at TÜV NORD CERT GmbH.

Sázava, 01. 12. 2020

Place and date of issue


Ing. Viera Košíková
Quality manager