



**KAVALIER**

# CERTIFICATE OF COMPLIANCE

No. KAG/60/2011

Issuer's name: **KAVALIERRGLASS, a.s.**

Issuer's address: Křížová 1018/6, Prague 5  
office: Sklářská 359, 285 06 Sázava, Czech Republic

Object of the declaration: **LABORATORY GLASSWARE**

- Flasks Erlenmayer 24, 25
- Flasks filtering 2419, 2420
- Beakers 153, 155
- Funnels 2350
- Cylinders graduated 1645 BB

Material: Borosilicate glass **SIMAX<sup>®</sup>**  
Purpose of use: **laboratory glassware**

**The object of the declaration described above is in conformity with the requirements of the following standards:**

- ISO 3585 Borosilicate glass 3.3 – Properties.
- ISO standards for each products
- Regulation EC No. 1935/2004 of 27 October 2004 on materials and articles intended to come into contact with food and repealing Directives 80/590/EEC and 89/109/EEC
- 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:

These products are made of SIMAX<sup>®</sup> borosilicate glass, type 3.3, which does not harm the human health and its characteristics are constantly tested and comply fully with the international standard ISO 3585 Borosilicate glass 3.3 –Properties.  
All articles are subjected to a statistical quality inspection in accordance with standard ISO 2859.

Characteristics of SIMAX<sup>®</sup> glass:

- typical composition 80,6 % SiO<sub>2</sub>, 13% B<sub>2</sub>O<sub>3</sub>, 4 % Na<sub>2</sub>O/K<sub>2</sub>O, 2,4 % Al<sub>2</sub>O<sub>3</sub>
- coefficient of expansion 3,3 x 10<sup>-6</sup> K<sup>-1</sup>
- acid resistance Class I (to ISO 1776)
- hydrolytic resistance Class I (to ISO 719,720)
- alkali resistance Class 2 (to ISO 695)

SIMAX<sup>®</sup> is notable for very high thermal shock resistance. Because of its high hydrolytic resistance, SIMAX<sup>®</sup> is a neutral glass and is classed as a Glass Type I, it complies with requirements of the European pharmacopoeia (corresponds to the USP) and is also suitable for use with foodstuffs.

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

The producer has installed the ČSN EN ISO 9001 quality system and thus guarantees that all products delivered to the market are in full conformity with the technical documentation and with all fundamental requirements on such products.

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

The certificate is issued for the customer: **BC, Selb**

Sázava, 16.6.2011

Place and date of issue

  
Ing. Milena Zvejšková

Quality manager

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