



Quality Certificate

VWR® CULTURE TUBES, DISPOSABLE, BOROSILICATE GLASS

As per the manufacturer, the below mentioned product meets the following criteria:

North American Catalog No:	47729-572
Lot Number:	18003
Description:	VWR CULTURE TUBE 13X100 CS1000
Manufacturing Date:	January 03, 2018

The product was manufactured using glass that conforms to the ASTM E438 Specifications for Glass in Laboratory Apparatus for:

Type I, Class "B" Borosilicate 51 Expansion Glass – Clear

Which also conforms to the most current version of the United States Pharmacopoeia (USP 35) for Type I Borosilicate glass and will meet the USP limits for glass grain (powdered durability). It also meets the requirements of the most current revisions of the European pharmacopoeia (EP) and Japanese pharmacopoeia for Type I Hydrolytic Glass.

The above product was inspected and accepted in accordance with the Manufacturer's Quality Management System and corresponding inspection and monitoring procedures to an Acceptance Quality Limit of 1.0 per ANSI/ASQC Z1.4. Some products may feature a graduated reference scale however where accuracy is not a specific ASTM requirement, no claim can be made on the item.

Storage Conditions: Ambient

Shelf Life: N/A

BSE/TSE: No animal products, including proteins are used in manufacturing or storage.

Latex Free: No latex hazardous products are used in manufacturing or storage.

Hazardous Materials: The product does not fall within the scope of the RoHS directive, as the products fall into the exempt status for Medical Devices. Nonetheless, to the best of manufacturers knowledge we convey that the glassware does not contain any of the restricted substances outlined by RoHS / WEEE or equivalent directive.

Conflict Minerals: To the best manufacturers knowledge, the glassware does not intentionally contain any of the conflict minerals (tin, tantalum, tungsten or gold).

Signed:

Jamie Ethier
VP Global Quality
VWR, Part of Avantor

Date: August 21, 2018