Quality Certificate

VWR® CULTURE TUBES, DISPOSABLE, BOROSILICATE GLASS

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

North American Catalog No:	47729-572
Lot Number:	18050814
Description:	VWR CULTURE TUBE 13X100 CS1000
Manufacturing Date:	February 15, 2018 – April 20, 2018

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

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

Which also conforms to the most current reversion 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 product was inspected and accepted in accordance with manufacturer Quality Management System and corresponding inspection and monitoring procedures to an Acceptance Quality Limit of 1.0 per ANSI/ASQC Z1.4.

This document has been produced electronically and is valid without a signature.

Signed on behalf of VWR International:

Michael J. Mascali, RPh, FASCP, ASQ CMQ – OE
SVP Compliance
VWR International LLC

Date: July 06, 2018