



## Quality Certificate

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### VWR® CULTURE TUBES, DISPOSABLE, BOROSILICATE GLASS

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

<b>North American Catalog No:</b>	47729-572
<b>Lot Number:</b>	18158813
<b>Description:</b>	VWR CULTURE TUBE 13X100 CS1000
<b>Manufacturing Date:</b>	June 7, 2018 – June 11, 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 revision 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.

**Signed:**

A handwritten signature in black ink that reads "Jamie Ethier".

Jamie Ethier  
VP Global Quality  
VWR, Part of Avantor

**Date:** August 02, 2018