



Quality Certificate

VWR® VIALS, BOROSILICATE GLASS, WITH PHENOLIC SCREW CAP

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

North American Catalog No:	66011-063
Lot Number:	184A01
Description:	VWR VIAL 1-1/2 DRAM PK144

This Certificate attests that the product listed above 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 revision of the United States Pharmacopoeia USP 35 for Type I Borosilicate Glass and it also meets the USP Limit for Glass Grain (Powdered Durability) and Arsenic Extraction. Glass material will meet the requirements of the most current revisions of the European Pharmacopoeia and Japanese Pharmacopoeia for Type I, or Hydrolytic Glass.

The above product was inspected and accepted in accordance with manufacturer's Quality Management System and corresponding inspection and monitoring procedures to an Acceptance Quality Limit of 1.0 per ANSI/ASQC Z1.4.

Signed:

Jamie Ethier
VP Global Quality
VWR, Part of Avantor

Date: January 3, 2020