

## VWR® STERILE 70% ISOPROPANOL

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

<b>VWR Catalog Number</b>	89108-160
<b>Lot Number</b>	719945-0-0-1
<b>Description</b>	VWR Ipa 70% 16oz Trigger Bottle St Cs12
<b>Date of Manufacture</b>	August 14, 2019
<b>Expiration Date</b>	August 2022
<b>Sterilization Lot Number</b>	2500503
<b>Specified Dosage (kGy)</b>	Max: 50.0; Min: 25.0
<b>Delivered Dosage (kGy)</b>	Max: 41.1; Min: 29.2
<b>Country of Origin</b>	US

### Quality System Compliance

The above product was manufactured in accordance with prescribed procedures, specifications and under ISO 9001 standard.

### QC Testing:

Test	Specifications	Units	Results
% IPA	68.0 – 72.0	% vol/vol	70.11
% DI WATER	28.0 – 32.0	% vol/vol	29.89
Acidity	<=0.0018	%wt	0.0007
Appearance	Clear, colorless liquid	Not applicable	PASS
Limit of Nonvolatile Residue	No more than 0.005	g/50 mL	0.000
Odor	None	Not Applicable	PASS
Specific Gravity @ 20/20C	0.872 – 0.883	Not Applicable	0.8775

\*Based on 100% IPA prior to blend.

### Product Specifications:

**Sterilization Process:** The above product has been dosimetrically released as sterile. All aspects of the manufacturing process are within specifications and the specified minimum dose has been delivered to the product. This is in accordance with procedures outlined in ANSI/AAMI/ISO 11137-2 Method Vdmax: *Sterilization of healthcare products – Requirements for validation and routine control – Radiation Sterilization*, to a Sterility Assurance Level of 10<sup>-6</sup>.

**BSE/TSE Statement:** This product is manufactured wholly from synthetic materials and do not contain any raw materials produced from or substances derived of animal origin. The manufacturing process does not use any ingredient of animal origin, nor do the materials come into contact with animal products during storage and transportation. The products are free from Transmissible Spongiform Encephalopathy (TSE) and Bovine Spongiform Encephalopathy (BSE).

**Non-Pyrogenic:** N/A

**DNase & RNase Free:** N/A

**Cytotoxicity:** N/A

**Latex Free:** Latex or latex derivatives are not used in the production of this product.

**Signed:**



Jamie Ethier  
VP Global Quality  
VWR, Part of Avantor

**Date:** January 13, 2020