



Quality Certificate

VWR® SILICONE TUBING

As per the manufacturer, the product is in full compliance with all referenced specifications unless otherwise noted:

North American Catalog No:	89068-484
Lot No:	120181
Description:	VWR TUBING SILIC .25X.5IN 50FT
Date of Manufacture:	June 29,2020
Shelf Life	10 years

Description: Platinum Cured Silicone (NI 201); Shore 50A Natural

USP Testing: 85; 87; 88 (Class VI) 70 C for 24 Hrs, 381, 661, 788, 851

ISO Testing: 10993

NSF Listing: Yes - 51

3A Sanitary Procedure: 18-3 Class1

FDA Approved Ingredients: 21 CFR 177.2600

DMF: 26598

European Pharmacopoeia Testing: EP 3.1.9

Animal Derived Ingredient Free: Yes

Clean Room Classification: ISO 7

Product Statements: NI201 - Tested Per USP 788, Mercury Free, Phthalate Free, Bisphenol A Free, Latex Free, Melamine Free

Fluid path samples of the representative finished product have been tested in accordance with USP 788 Particulate Matter in

Injectons.

RAW MATERIAL ANALYSIS			
Material Identifier:		Batch #	
NI201		20FGTA352	
		Specification Ranges	
Property Tested:	Value:	Minimum	Maximum
Compression Set	14.04		35
Elongation	843	650	
Modulus @ 100%	227	120	
Shore A	53	45	55
Specific Gravity	1.14	1.12	1.16
Tear B PPI	312	200	
Tensile PSI	1203	1100	

The manufacturer certifies that the above noted product is in full compliance with all referenced specifications unless otherwise noted. This product is not for implantation.

Signed:

Jamie Ethier
VP Global Quality
VWR, Part of Avantor

Date: October 19, 2020