

# **Certificate of Quality**

## **VWR® SAFETY GLASSES**

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

VWR Catalog Number	470100-596
Lot Number	07/18
Description	Glasses Safety Anti Scratch
Date of Manufacture	July, 2018
Product Shelf Life	N/A
Country of Origin	Malaysia

## **Quality System Compliance**

Products are manufactured under ISO 9001:2008 Quality System Standard and good manufacturing practices. Products are inspected and controlled through whole production processing in accordance with current applicable product specifications and QC SOP. Inspection records are reviewed and signed off by qualified personnel for product release.

#### QC Testing

Representative production samples are collected and inspected in accordance with current applicable product specification - Meet or exceed ANSI Z87.1:2010 standard.

Accuracy: Products were tested for the following characteristics:

 Luminous Transmittance:
  $100 \ge T(L) \ge 85$  

 Refractive Power:
  $+/- 0.06 \text{ m}^{-1}$  

 Astigmatism:
  $\le 0.06 \text{ m}^{-1}$  

 Prismatic Power:
  $\le 0.50 \text{cm/m}$  

 Vertical imbalance:
  $\le 0.25 \text{cm/m}$ 

Horizontal imbalance: ≤0.25cm/m Base In ≤0.50cm/m Base Out

**High Mass impact, Velocity:** 25.4 mm, 500 g, Drop from127 cm: Passed **High velocity Impact, Velocity:** 45.72 m/s, 6.35 mm, 1.06 g: Passed

Visual inspection: Passed.

#### **Product Specifications**

This product is tested accordance to American National Standard Practice for Occupational and Educational Personal Eye and Face Protective Devices ANSI Z87.1:2010

Material: Polycarbonate lens, frame and Temples

 BSE/TSE Statement:
 N/A

 Non-Pyrogenic:
 N/A

 DNase & RNase Free:
 N/A

 Cytotoxicity:
 N/A

 Latex Free Statement:
 N/A

Signed:

Jamie Ethier VP Global Quality VWR, Part of Avantor

James Telii

**Date**: July 09, 2018