



## Certificate of Analysis

**Product** Synthetic Blood According to ASTM F1862/F1862M-17 and F1670/F1670M-17a  
**Part Number** 1700-0921  
**Primary Application** Product Testing  
**Volume** 4x950 mL  
**Lot Number** 2512017  
**Production Date** 08 Dec 2025  
**Expiration Date** 08 Dec 2026  
**Storage Conditions** Dry at 8° to 25°C

### Acceptance Criteria

1. Appearance:.....PASS
2. Kinematic Viscosity 7.4+/- 0.3 cSt @ 20+/- 1 °C:.....PASS
3. Surface Tension measured by capillarity method 61+/- 1 dyn/cm @ 20+/- 1 °C\*:.....PASS  
\*equivalent to surface tension of 0.042 N/m measure by DuNouy ring method as per ASTM F1862/F1862M-17
4. Specific Gravity 0.995-1.015 @ 20+/- 1 °C:.....PASS
5. Other components gravimetrically-certified:.....PASS

### Components

D.I. Water  
ACRYSOL G-111  
Red dye

\*All product components are weighed on NIST-traceable scales and measured in Class A volumetric glassware

**Analysis Certified By:** David Mazawa

**Date:** 15 Dec 2025

The product is manufactured, packaged, stored and shipped according to manufacturing standard best practices and under modern sanitary conditions.

