



**SISCO  
RESEARCH  
LABORATORIES  
PVT. LTD.**

[www.srlchem.com](http://www.srlchem.com)

## Certificate of Analysis

|                                 |  |
|---------------------------------|--|
| <b>Product</b>                  | <b>67209 - Polysorbate 80 (Tween 80) for cell culture,<br/>Endotoxin (BET) 0.05EU/mg - [9005-65-6]</b> |
| <b>Batch No</b>                 | <b>4697880</b>   |
| <b>Analysis Date</b>            | 11-Dec-2022  |
| <b>Date of Manufacture</b>      | December 2022  |
| <b>Expiry Date/Re-Test Date</b> | December 2027  |

| Test Parameters                                   | Standards          | Actual Results |
|---|--------------------|----------------|
| Appearance (Clarity)                              | Clear              | Clear          |
| Appearance (Colour)                               | Pale yellow        | Pale yellow    |
| Appearance (Form)                                 | Liquid             | Liquid         |
| Density (g/ml) @ 20°C                             | 1.077 - 1.081 g/ml | 1.080 g/ml     |
| Refractive Index (20°C)                           | 1.471 - 1.475      | 1.473          |
| Acid value  | max. 2.0           | 1.3            |
| Hydroxyl value                                    | 65 - 80            | 71             |
| Saponification value                              | 45 - 55            | 47             |
| Water (KF)  | max. 2%            | 1.5%           |
| Suitability for Cell Culture                      | Passes test        | Passes         |
| Bacterial Endotoxin Test (BET)<br>(EU/mg = IU/mg) | <0.05 EU/mg        | Passes         |

FRM/82/11/4/67209 Rev No. 1 Date 17/02/2022

Prepared by Yogesh

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,  
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

1/1

[an ISO 9001-2015, 17025:2017, CE, GMP Certified Company](#)

This COA has been generated electronically and it is valid without signature.