



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

www.srlchem.com

Certificate of Analysis

Product

**27662 - Thiomersal (Thimerosal) ExiPlus,
Multi-Compendial (Suitable for Vaccine&Diagnostic
Production), 98% - [54-64-8]**

Batch No

4161012

Analysis Date

29-Nov-2023

Date of Manufacture

November 2023

Expiry Date/Re-Test Date

November 2028

Molecular Formula

C₉H₉SO₂HgNa

Molecular Weight

404.81

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of BP, Ph.Eur	Passes
Appearance (Colour)	White to pale cream	White
Appearance (Form)	Powder	Powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless to pale yellow	Colourless
Assay (T)	min. 98%	99.6%
Melting Point	~ 233°C	238.8°C
pH (10% aq. solution)	6.0 - 8.0	7.71
Loss on drying	max. 0.5%	0.1%
Soluble In Diethyl Ether	max. 0.6%	Passes
Identification (IR Spectrum)	Passes test	Passes
Mercuric salts	Passes test	Passes
Reaction of sodium	Passes test	Passes

FRM/82/11/4/27662 Rev No. 3 Date 28/08/2023

Prepared by Komal

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.