



**SISCO  
RESEARCH  
LABORATORIES  
PVT. LTD.**

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

# Certificate of Analysis

**Product** **52234 - Sodium Phosphate Dibasic Dihydrate ExiPlus, Multi-Compendial, 99.5% - [10028-24-7]**

**Batch No** **3793206**

**Analysis Date** 12-Mar-2024

**Date of Manufacture** March 2024

**Expiry Date/Re-Test Date** March 2029

**Molecular Formula** Na<sub>2</sub>HPO<sub>4</sub>.2H<sub>2</sub>O

**Molecular Weight** 177.99

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of BP, USP & Ph Eur	Passes
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder / crystals	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (by Neutralization)	min.99.5%	99.7%
Insoluble substance	max. 0.4%	0.1%
pH (5% aq. solution)	8.0 - 10.0	9.3
Loss on drying	19.5 - 21.0 % (130°C for 3hrs)	20.4%
Chloride (Cl)	max . 0.04%	Passes
Sulphate (SO <sub>4</sub> )	max.0.1%	Passes
Heavy Metals (Pb)	max.0.002%	Passes
Arsenic (As)	max.0.0004%	Passes
Reducing Substances	Passes	Passes
Monosodium phosphate	max . 2.5%	Passes

FRM/82/11/4/52234 Rev No. 1 Date 12/03/2024

Prepared by **Mayur**

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.