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Certificate of Analysis

Product	66003 - Sodium Phosphate Dibasic Anhydrous for cell culture, 99.5%, Endotoxin (BET) 0.05EU/mg - [7558-79-4]
Batch No	2896613
Analysis Date	24-Feb-2024
Date of Manufacture	February 2024
Expiry Date/Re-Test Date	February 2029
Molecular Formula	Na ₂ HPO ₄
Molecular Weight	141.96

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline Powder	Crystalline Powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (T)	min. 99.5%	99.7%
pH (5% aq. solution)	9.1 - 9.3	9.2
Water Insoluble matter	max. 0.01%	0.002%
Loss on drying	max. 0.2%	0.09%
Chloride (Cl)	max. 0.002%	Passes
Sulphate (SO ₄)	max. 0.005%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Nitrogen Compounds (N)	max. 0.002%	Passes
Copper (Cu)	max. 0.0005%	Passes
Potassium (K)	max. 0.005%	Passes
Absorbance (A) of 0.1M aq. solution in a 1cm cell v/s H ₂ O		
@260nm	max. 0.01	0.007
@280nm	max. 0.01	0.007
DNase, RNase, Protease	Not detected	Not detected
Suitability for Cell Culture	Passes test	Passes
Bacterial Endotoxin Test (BET) (EU/mg = IU/mg)	<0.05 EU/mg	Passes

FRM/82/11/4/66003 Rev No. 1 Date 23/05/2022

Prepared by **Prasad**

In compliance with the standard specifications of SRL

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

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[an ISO 9001-2015, 17025:2017, CE, GMP Certified Company](https://www.iso.org/standard/68549.html)

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