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Certificate of Analysis

Product	10964 - TAPS Buffer extrapure, 99% - [29915-38-6]
Batch No	3454261
Analysis Date	23-Jan-2024
Date of Manufacture	January 2024
Expiry Date/Re-Test Date	January 2029
Molecular Formula	C7H17NO6S
Molecular Weight	243.28

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 (NT)	min. 99%	99.3%
pH (0.1M aq. solution)	4.5 - 6.5	5.0
Loss on drying	max. 0.5%	0.07%
Sulphated Ash	max. 0.1%	0.05%
Chloride (Cl)	max. 0.005%	Passes
Sulphate (SO4)	max. 0.005%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Absorbance (A) of 1M aq. solution in a 1cm cell v/s H2O		
@260nm	max. 0.1	0.06
@280nm	max. 0.1	0.06

FRM/82/11/4/10964 Rev No. 3 Date 14/12/2022

Prepared by **Prajakta**

In compliance with the standard specifications of SRL

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

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

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