



**SISCO  
RESEARCH  
LABORATORIES  
PVT. LTD.**

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

## Certificate of Analysis

<b>Product</b>	<b>70375 - PIPES Buffer extrapure, 99% - [5625-37-6]</b>
<b>Batch No</b>	<b>5610025</b>
<b>Analysis Date</b>	11-Jan-2023
<b>Date of Manufacture</b>	January 2023
<b>Expiry Date/Re-Test Date</b>	January 2028
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>18</sub> N <sub>2</sub> O <sub>6</sub> S <sub>2</sub>
<b>Molecular Weight</b>	302.36

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Powder	Powder
Solubility (Turbidity) 5% solution in 10% NaOH	Clear	Clear
Solubility (Colour) 5% solution in 10% NaOH	Colourless	Colourless
Assay (T)	min. 99%	99.9%
pH (0.1% aq. solution)	2.5 - 3.0	2.8
Loss on drying	max. 0.5%	0.4%
Sulphated Ash	max. 0.1%	0.05%
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Absorbance (A) of 10% in 10% NaOH in a 1cm cell		
@250 nm	max. 0.2	0.1

FRM/82/11/4/70375 Rev No. 2 Date 24/03/2019

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.