



CERTIFICATE OF ANALYSIS

PRODUCT NAME : PIPES (BUFFER)

(Piperazine-N,N-Bis-2-Ethene Sulfonic acid)

CAS No	: 5625-37-6	Product code	: 24750
Mol. Formula	: C₈H₁₈N₂O₆S₂	Batch No	: MCR-22625
Mol. WT	: 302.36	Mfd.	: Jan. 2025
Date of Analysis	: 04/01/21	Exp.	: Dec. 2025

S. R.	Test	Specification	Observation
1	Description	White powder or crystalline powder,	White powder
2	Assay	99% min	99.90%
3	pH of 0.1% aq.solution	2.5 – 3.0	2.61
4	Loss on drying at 105°C	0.5% max	0.10%
5	Suphated ash	0.5% max	0.20%
6	Sulphate (SO ₄)	0.01% max	<0.01%
7	Iron (Fe)	0.0005% max	<0.0005%
8	Heavy metals (Pb)	0.001% max	<0.001%
9	Absorbance (1 cm cell,10% soln. in 10% NaOH at 250 nm)	0.2 max	0.190

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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