

CERTIFICATE OF ANALYSIS

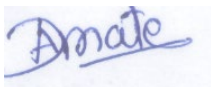
PRODUCT NAME : HEPES (BUFFER)

CAS No	: 7365-45-9	Product code	: 52780
Mol. Formula	: C ₈ H ₁₈ N ₂ O ₄ S	Batch No	: MCR-31532
Mol. WT	: 238.30	Mfd.	: July 2024
Date of analysis	: 22/07/24	Exp.	: June 2029

S.R	Test	Specification	Observation
1	Description	White Powder or crystalline powder.	White powder.
2	Assay	99 % min	99.40%
3	Melting point	210 - 220	213.6
4	Loss on drying at 105°C	1% max	0.35
5	Chloride (Cl)	0.01% max	<0.01%
6	Sulphate (SO ₄)	0.01% max	<0.01%
7	Iron (Fe)	0.0005% max	<0.0005%
8	Heavy metals (asPb)	0.0005%max	<0.0005%
9	A 5%aq., 250 nm Smooth curve from 230 – 350 nm	0.05 max	0.038

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Deepa)**

[QC Incharge]



**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

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