



CERTIFICATE OF ANALYSIS

PRODUCT NAME : HEPES (BUFFER)

CAS No	: 7365-45-9	Product code	: 52780
Mol. Formula	: C₈H₁₈N₂O₄S	Batch No	: MCR-19364
Mol. WT	: 238.30	Mfd.	: July 2019
Date of analysis	: 20/08/19	Exp.	: June 2024

S. R	Test	Specification	Observation
1	Description	White Powder or crystalline powder.	White crystalline powder.
2	Assay	99 % min	99.22%
3	Melting point	210 - 220	213.3
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	0.03

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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