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Certificate of Analysis

Product 32225 - HEPES Sodium Salt for molecular biology, 99%
- [75277-39-3]
Batch No 8279785
Analysis Date 17-Mar-2024
Date of Manufacture March 2024
Expiry Date/Re-Test Date March 2029
Molecular Formula C₈H₁₇N₂O₄SNa
Molecular Weight 260.29

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 (HCl titration)	min. 99%	99.3%
Loss on drying	max. 0.5%	0.3%
Chloride (Cl)	max. 0.01%	Passes
Sulphate (SO ₄)	max. 0.01%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Absorbance (A) of 10% aq. solution in a 1cm cell v/s H ₂ O		
@250 nm	max. 0.3	0.234
DNase, RNase, Protease	Not detected	Not detected

FRM/82/11/4/32225 Rev No. 2 Date 05/07/2022

Prepared by **Prajakta**

In compliance with the standard specifications of SRL

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

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