



Certificate of Analysis

MOPS Sodium Salt

Catalog Number: MS1011
Lot Number: 0627904
CAS Number: 71119-22-7
Molecular Formula: $C_7H_{14}NO_4SNa$
Molecular Weight: 231.24
Storage: 15°C – 30°C
Date of Manufacture: April 29, 2019
Retest Date: April 28, 2022

Test	Specification	Result
Appearance	White crystalline powder	Conforms
Assay (Titration)	≥ 99.5%	99.75%
pKa	7.0 – 7.4	7.28
pH (1%, dH ₂ O)	10.0 – 11.0	10.14
Solubility (10%, dH ₂ O)	Clear	Conforms
Moisture (LOD)	≤ 1.0%	0.59%
Absorbance (260nm, 0.1M)	≤ 0.03	0.016
Heavy Metals	≤ 5ppm	< 5ppm

Approved by:

Date: June 27, 2019

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