

## Certificate of Analysis

Date of Testing: 2023-12-07 16:50:07

Date of Next Testing: 2027-12-06 16:50:07

Product Name: **3-[Bis(2-hydroxyethyl)amino]-2-hydroxypropanesulfonic acid**

CAS Number: 68399-80-4

Specifications & Purity: 98%

Lot #: L2306100

SKU #: **B113022**

**Analysis:** **039213**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Insoluble matter	0-0.1 (%)	0.05 %
Ignition Residue(Ash)	0-0.1 (%)	0.02 %
Ammonia (NH3)	0-0.05 (%)	0.01 %
Purity (Titration by NaOH)	97.5-102.5 (%)	99.94 %
Ignition Residue (as sulfate)	0-0.1 (%)	0.01 %
PH	4-5.5	5.00
Purity(HPLC)	98-100 (%)	99.00000 %
UV Absorbance 260nm(0.5 M in H2O)	≤0.15	0.07
Appearance (B113022)	white powder and/or chunks	white powder and/or chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility,Colorless , Clear , 0.1 M at 20 deg C	pass	Pass



John Su  
QA & QC Manager