

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-05-09 15:51:59  
 Date of Next Testing: 2026-05-08 15:51:59  
 Product Name: **N-Ethyl-N-(2-hydroxy-3-sulfopropyl)-3,5-dimethoxyaniline sodium salt**  
 CAS Number: 83777-30-4  
 Specifications & Purity: 99%  
 Lot #: E2203175  
 SKU #: **D108991**  
**Analysis: 078947**  
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.08700 %
Carbon by Elemental Analysis(anhydrous)	44.6-46.9 (%)	46.02 %
Water by Karl Fischer	0-3 (%)	0.85 %
Nitrogen by Elemental Analysis (anhydrous)	3.8-4.4 (%)	3.83 %
Appearance (D108991)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless and clear,50 mg/mL	pass	Pass



John Su  
QA & QC Manager