

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |   |
|--------------------------|---|
| Date of Testing:         | 2024-10-31 10:57:26   |
| Date of Next Testing:    | 2028-10-30 10:57:26   |
| Product Name:            | <b>N-Ethyl-N-(2-hydroxy-3-sulfopropyl)-3,5-dimethoxyaniline sodium salt</b> |
| CAS Number:              | 83777-30-4  |
| Specifications & Purity: | ≥99%  |
| Lot #:                   | J2428417  |
| SKU #                    | <b>D108991</b>  |
| Version                  | <b>2</b>  |
| Analysis #:              | <b>415056</b>   |
| Storage Temperature:     | Store at -20°C  |

| Parameter  | Limit Values                          | Result                                |
|--|---------------------------------------|---------------------------------------|
| Purity(HPLC)   | 99-100 (%)                            | 99.76800 %                            |
| Carbon by Elemental Analysis(anhydrous)  | 44.6-46.9 (%)                         | 44.83 %                               |
| Water by Karl Fischer  | 0-3 (%)                               | 0.75 %                                |
| Nitrogen by Elemental Analysis (anhydrous)                                     | 3.8-4.4 (%)                           | 4.06 %                                |
| Appearance (D108991)   | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Proton NMR spectrum  | Conforms to Structure                 | Conforms to Structure                 |
| Solubility in H <sub>2</sub> O, colourless to Light yellow and clear, 50 mg/mL | Pass                                  | Pass                                  |



John Su  
QA & QC Manager