

## Certificate of Analysis

Date of Testing: 2024-12-05 15:43:37  
Date of Next Testing: 2027-12-05 15:43:37  
Product Name: (1-Hydroxyethylidene)Bis-Phosphonic Acid Tetrasodium Salt  
CAS Number: 3794-83-0  
Specifications & Purity: ≥80%  
Lot #: A2211555  
SKU #: H303604  
Version: 2  
Analysis #: 432366  
Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Purity (As HEDP•Na <sub>4</sub> )	80-120 (%)	80.99000 %
Appearance(H303604)	White Powder	White powder
Phosphorus NMR Spectra	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager