

## Certificate of Analysis

Date of Testing: 2024-11-09 13:06:56  
Date of Next Testing: 2028-11-08 13:06:56  
Product Name: **Ethylenediaminetetraacetic Acid Manganese Disodium Salt Hydrate**  
CAS Number: 15375-84-5  
Specifications & Purity:  $\geq 95\%$   
Lot #: K2408132  
SKU #: **E100509**  
Version: **0**  
Analysis #: **117654**

Parameter	Limit Values	Result
Water by Karl Fischer	0-15 (%)	10.64 %
Purity(Chelometric Titration)(calcd.on anh.substance)	95-100 (%)	98.69 %
Appearance (E100509)	white to pink powder , crystals and/or chunks	white to pink powder , crystals and/or chunks
ICP: Confirms Na and Mn Component	Confirmed	Confirmed
Solubility in H2O	Almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager