

## Certificate of Analysis

Date of Testing: 2023-12-18 09:43:17  
Date of Next Testing: 2027-12-17 09:43:17  
Product Name: **Ethylenediaminetetraacetic acid dipotassium salt dihydrate**  
CAS Number: 25102-12-9  
Specifications & Purity:  $\geq 98\%$   
Lot #: L1918029  
SKU #: **E100258**  
Analysis: **305338**

Parameter	Limit Values	Result
Sodium(Na)	0-0.25 (%)	0.17%
Potassium(K)(anhydrous)	17-25.5 (%)	17.03%
Purity (Chelometric Titration) (anhydrous)	98-100 (%)	98.93%
Loss on drying	0-10 (%)	8.95%
Appearance (E100258)	White to off-white solid	White to off-white solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in 3 M KOH	Colorless to Faint Yellow Clear to Hazy,160mg/ ml	Colorless to Faint Yellow Clear to Hazy,160mg/ ml



John Su  
QA & QC Manager