

## Certificate of Analysis

Date of Testing: 2024-06-22 16:45:41  
Date of Next Testing: 2028-06-21 16:45:41  
Product Name: **Ethylenediaminetetraacetic acid dipotassium salt dihydrate**  
CAS Number: 25102-12-9  
Specifications & Purity: Analytical Reagent, ≥98%  
Lot #: F2421278  
SKU #: **E100258**  
Version: **0**  
Analysis #: **366002**

Parameter	Limit Values	Result
Sodium(Na)	0-0.25 (%)	0.05 %
Loss on drying	0-10 (%)	5.35 %
Purity (Chelometric Titration) (anhydrous)	98-100 (%)	99.76 %
Potassium(K)(anhydrous)	17-25.5 (%)	17.80 %
Solubility in 3 M KOH	Colorless to Faint Yellow Clear to Hazy,160mg/ ml	Colorless to Faint Yellow Clear to Hazy,160mg/ ml
Appearance (E100258)	White to off-white solid	White to off-white solid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager