

## Certificate of Analysis

Date of Testing: 2024-09-12 15:06:38  
Date of Next Testing: 2028-09-11 15:06:38  
Product Name: **CHES**  
CAS Number: 103-47-9  
Specifications & Purity:  $\geq 99.0\%$ (T)  
Lot #: I2411446  
SKU #: **C110898**  
Version: **0**  
Analysis #: **411077**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Purity (Titration by NaOH)(anhydrous)	99-101 (%)	99.64 %
A290 UV Absorbance (15%)	0-0.05	0.01
Water by Karl Fischer	0-1 (%)	0.50 %
Appearance (C110898)	white crystalline powder	white crystalline powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility, 15g/85ml water	Clear colorless	Clear Colorless



John Su  
QA & QC Manager