

## Certificate of Analysis

Date of Testing: 2025-08-18 14:30:47  
Date of Next Testing: 2029-08-17 14:30:47  
Product Name: **Imidazolium compounds, 1-(carboxymethyl)-4,5-dihydro-1-(hydroxyethyl)-2-norcoco alkyl, hydroxides, inner salts**  
CAS Number: 68334-21-4  
Specifications & Purity:  $\geq 40\%$   
Lot #: J2129401  
SKU #: **I196318**  
Version: **1**  
Analysis #: **554780**

Parameter	Limit Values	Result
Assay	38-42 (%)	40.34 %
PH (10% Water)	8.5-9.5	8.80
Appearance (I196318)	Yellow viscous transparent liquid	Yellow viscous transparent liquid



John Su  
QA & QC Manager