

## Certificate of Analysis

Date of Testing: 2025-03-13 14:21:41  
Date of Next Testing: 2027-03-13 14:21:41  
Product Name: **4-Ethylcyclohexanecarboxylic acid**  
CAS Number: 91328-77-7  
Specifications & Purity:  $\geq 98\%$ (GC), mixture of cis and trans  
Lot #: F2305231  
SKU #: **E134615**  
Version: **1**  
Analysis #: **480590**

Parameter	Limit Values	Result
Purity(GC)(total of isomers)	98-100 (%)	99.17%
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(E134615)	White Crystals	White crystals



John Su  
QA & QC Manager