

## Certificate of Analysis

Date of Testing: 2023-03-18 09:07:44  
Date of Next Testing: 2027-03-17 09:07:44  
Product Name: **(R)-(-)-3-Piperidinecarboxylic acid**  
CAS Number: 25137-00-2  
Specifications & Purity: 98%  
Lot #: C2307876  
SKU #: **P119075**  
Analysis: **160431**

Parameter	Limit Values	Result
Purity(Titration by HClO <sub>4</sub> )	97.5-102.5 (%)	99.09%
Specific Rotation(c=1%; H <sub>2</sub> O)	-6.5~-2.5 (°)	-4.27°
Appearance (P119075)	White to Tan Solid	White to Tan Solid



John Su  
QA & QC Manager