

## Certificate of Analysis

Date of Testing: 2023-07-17 18:01:35  
Date of Next Testing: 2027-07-16 18:01:35  
Product Name: **(R)-(-)-3-Piperidinecarboxylic acid**  
CAS Number: 25137-00-2  
Specifications & Purity: 98%  
Lot #: G2310296  
SKU #: **P119075**  
Analysis: **198588**

Parameter	Limit Values	Result
Purity(Titration by HClO <sub>4</sub> )	97.5-102.5 (%)	99.06%
Specific Rotation(c=1%; H <sub>2</sub> O)	-6.5~-2.5 (°)	-2.51°
Appearance (P119075)	White to Tan Solid	White to Tan Solid



John Su  
QA & QC Manager