

## Certificate of Analysis

Date of Testing: 2022-06-13 23:20:53  
Date of Next Testing: 2026-06-12 23:20:53  
Product Name: **3-Carboxy-2,2,5,5-tetramethylpyrrolidine 1-Oxyl Free Radical**  
CAS Number: 2154-68-9  
Specifications & Purity: >98.0%(HPLC)  
Lot #: F2209256  
SKU #: **C153669**  
**Analysis: 091494**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.54100 %
Appearance (C153669)	Light Yellow to Dark Yellow Powder or crystals	Light Yellow to Dark Yellow Powder or crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager