

## Certificate of Analysis

Date of Testing: 2022-12-29 15:19:00  
Date of Next Testing: 2026-12-28 15:19:00  
Product Name: **Croconic Acid**  
CAS Number: 488-86-8  
Specifications & Purity: >95.0%(HPLC)  
Lot #: L2213339  
SKU #: **C153830**  
Analysis: **151722**

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	96.55100%
Appearance ( C 1 5 3 8 3 0 )	Light yellow to yellow to brown solid	Light yellow to yellow to brown solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager