

## Certificate of Analysis

Date of Testing: 2023-05-09 13:55:41  
Date of Next Testing: 2027-05-08 13:55:41  
Product Name: **3',5'-Dichloroacetophenone**  
CAS Number: 14401-72-0  
Specifications & Purity: >98.0%(GC)  
Lot #: G1922252  
SKU #: **D154377**  
Analysis: **220128**

Parameter	Limit Values	Result
Density (20°C)	1.33-1.336	1.33
Refractive index n <sub>20</sub> /D	1.563-1.567	1.56
Purity(GC)	98-100 (%)	98.60%
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager