

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-09-13 18:26:49  
Date of Next Testing: 2024-09-12 18:26:49  
Product Name: **CHIR-99021**  
CAS Number: 252917-06-9  
Specifications & Purity:  $\geq 98\%$   
Lot #: B1525008  
SKU #: **C125082**  
**Analysis: 134219**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

| Parameter                      | Limit Values          | Result                |
|--------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                   | 98-100 (%)            | 98.20500%             |
| Carbon by Elemental Analysis   | 55.1-57.3 (%)         | 56.30%                |
| Nitrogen by Elemental Analysis | 23.1-24.6 (%)         | 23.60%                |
| Appearance (C125082)           | yellow solid          | yellow solid          |
| NMR spectrum                   | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager