

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-29 16:26:24  
Date of Next Testing: 2025-06-28 16:26:24  
Product Name: **CHIR-99021**  
CAS Number: 252917-06-9  
Specifications & Purity:  $\geq 98\%$   
Lot #: F23151064  
SKU #: **C125082**  
**Analysis:** **232623**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

| Parameter                      | Limit Values          | Result                |
|--------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                   | 98-100 (%)            | 99.69100%             |
| Carbon by Elemental Analysis   | 55.1-57.3 (%)         | 55.51%                |
| Nitrogen by Elemental Analysis | 23.1-24.6 (%)         | 23.87%                |
| Appearance (C125082)           | yellow solid          | yellow solid          |
| NMR spectrum                   | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager