

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-01-25 15:19:19  
Date of Next Testing: 2026-01-24 15:19:19  
Product Name: **Desloratadine**  
CAS Number: 100643-71-8  
Specifications & Purity: >98.0%(HPLC)(T)  
Lot #: C1816138  
SKU #: **D155989**  
**Analysis: 070193**  
Storage Temperature: Store at 2-8°C,Argon charged

| Parameter                        | Limit Values   | Result   |
|----------------------------------|--|--|
| Purity(NonaqueousTitration)      | 97.5-102.5 (%)                                       | 98.54%   |
| Purity(HPLC)                     | 98-100 (%)   | 98.36800%  |
| Melting point                    | 155-159 (°C)   | 157.74000 °C   |
| Appearance (D155989)             | White to Pale Yellow to Yellow-Red<br>Solid,Crystals | White to Pale Yellow to Yellow-Red<br>Solid,Crystals |
| Proton NMR spectrum              | Conforms to Structure                                | Conforms to Structure                                |
| Solubility in DMSO , 10<br>mg/mL | Conforms   | Conforms   |



John Su  
QA & QC Manager