

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-19 14:10:35  
 Date of Next Testing: 2029-05-18 14:10:35  
 Product Name: **Indomethacin (NSC-77541)**  
 CAS Number: 53-86-1  
 Specifications & Purity: Moligand™, ≥99%  
 Lot #: H2106453  
 SKU #: **I106885**  
 Version: **1**  
 Analysis #: **510533**  
 Storage Temperature: Room temperature

| Parameter                          | Limit Values                          | Result                                |
|------------------------------------|---------------------------------------|---------------------------------------|
| Purity(Neutralization titration)   | 98.5-101.5 (%)                        | 100.10000 %                           |
| Purity(HPLC)                       | 99-100 (%)                            | 99.20000 %                            |
| Melting point                      | 158-163 (°C)                          | 161.70000 °C                          |
| Appearance (I106885Form)           | Powder to crystal                     | Powder to crystal                     |
| Appearance (I106885Color)          | White to Light yellow to Light orange | White to Light yellow to Light orange |
| Solubility in EtOH , clear,50mg/ml | pass                                  | Pass                                  |
| Proton NMR spectrum                | Conforms to structure                 | Conforms to Structure                 |



John Su  
QA & QC Manager