

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-17 19:35:47  
Date of Next Testing: 2026-12-16 19:35:47  
Product Name: **Imipramine Hydrochloride**  
CAS Number: 113-52-0  
Specifications & Purity: >98.0%(HPLC)  
Lot #: L2214037  
SKU #: **I157433**  
**Analysis: 170217**  
Storage Temperature: Protected from light,Store at -20°C

| Parameter                   | Limit Values          | Result                |
|-----------------------------|-----------------------|-----------------------|
| Melting point               | 171-175 (°C)          | 172.36000 °C          |
| Purity(HPLC)                | 98-100 (%)            | 99.81700%             |
| Purity(NonaqueousTitration) | 97-100 (%)            | 99.69%                |
| Proton NMR spectrum         | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager