

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-18 16:53:26
Date of Next Testing: 2026-10-17 16:53:26
Product Name: **Metformin hydrochloride**
CAS Number: 1115-70-4
Specifications & Purity: 97%
Lot #: I2212087
SKU #: **M107827**
Analysis: 121327
Storage Temperature: Store at -20°C, Argon charged

| Parameter | Limit Values | Result |
|----------------------|--------------------------------------|--------------------------------------|
| Melting point | 223-236 (°C) | 233.06000 °C |
| Purity(HPLC) | 97-100 (%) | 99.95000 % |
| Appearance (M107827) | White Powder, Crystals and/or Chunks | White Powder, Crystals and/or Chunks |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager