

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-10-18 16:56:14  
Date of Next Testing: 2026-10-17 16:56:14  
Product Name: **Metformin hydrochloride**  
CAS Number: 1115-70-4  
Specifications & Purity: 97%  
Lot #: I2212084  
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