

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-09 09:22:31  
Date of Next Testing: 2028-07-08 09:22:31  
Product Name: **Metformin hydrochloride**  
CAS Number: 1115-70-4  
Specifications & Purity:  $\geq 97\%$   
Lot #: G2403287  
SKU #: **M107827**  
Version: **0**  
Analysis #: **356987**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$ , Argon charged

Parameter	Limit Values	Result
Melting point	223-236 ( $^{\circ}\text{C}$ )	233.13000 $^{\circ}\text{C}$
Purity(HPLC)	97-100 (%)	99.69200 %
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