

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-08 17:49:47

Date of Next Testing: 2027-05-07 17:49:47

Product Name: **Phenformin hydrochloride**

CAS Number: 834-28-6

Specifications & Purity: $\geq 97\%$

Lot #: D2324667

SKU #: **P102146**

Version: **2**

Analysis #: **022601**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	48-51.2 (%)	50.20 %
Melting point	175-178 (°C)	177.19000 °C
Nitrogen by Elemental Analysis	28-29.9 (%)	29.34 %
Purity(TLC)	97-100 (%)	97.71 %
Appearance (P102146)	White powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless and clear(5% in H ₂ O)	pass	Pass



John Su
QA & QC Manager