

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-19 13:44:54  
Date of Next Testing: 2027-07-19 13:44:54  
Product Name: **GR 144053 trihydrochloride**  
CAS Number: 1215333-48-4  
Specifications & Purity:  $\geq 99\%$ (HPLC)  
Lot #: G2412370  
SKU #: **G288867**  
Version: **2**  
Analysis #: **332005**  
Storage Temperature: Store at -20°C, Desiccated

Parameter	Limit Values	Result
Purity(HPLC area)	99-100 (%)	99.57%
LC-MS for identification	Conforms	Conforms
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager