

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-03-08 10:47:59  
Date of Next Testing: 2027-03-08 10:47:59  
Product Name: **W-13 hydrochloride**  
CAS Number: 88519-57-7  
Specifications & Purity: 95%  
Lot #: B2427151  
SKU #: **W288803**  
**Analysis:** **316203**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	95.32 %
NMR Spectrum 1H	Conforms to structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms
Appearance(W288803)	white to beige to light yellow to Light orange to Light red powder to crystalline	white to beige to light yellow to Light orange to Light red powder to crystalline



John Su  
QA & QC Manager