

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-08 10:44:44

Date of Next Testing: 2027-03-08 10:44:44

Product Name: **W-13 hydrochloride**

CAS Number: 88519-57-7

Specifications & Purity: 95%

Lot #: B2427155

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