

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-09 14:45:07

Date of Next Testing: 2026-06-08 14:45:07

Product Name: **Tetra-n-butylammonium decatungstate (TBADT)**

CAS Number: 68109-03-5

Specifications & Purity:  $\geq 97\%$

Lot #: F2303203

SKU #: **T487223**

Version: **1**

Analysis #: **224595**

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

| Parameter                        | Limit Values              | Result                    |
|----------------------------------|---------------------------|---------------------------|
| Purity(NMR)                      | 97-100 (%)                | 99.86000 %                |
| Proton NMR spectrum              | Conforms to Structure     | Conforms to Structure     |
| ICP: Confirms Tungsten Component | Confirmed                 | Confirmed                 |
| Appearance(T487223)              | White to off-white Powder | White to Off-White Powder |



John Su  
QA & QC Manager