

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-16 09:51:17

Date of Next Testing: 2028-03-15 09:51:17

Product Name: **Tolbutamide**

CAS Number: 64-77-7

Specifications &amp; Purity: Moligand™, ≥99%

Lot #: C2610099

SKU #: **T129578**

Version: **1**

Analysis #: **673830**

Storage Temperature: Store at -20°C

| Parameter                                     | Limit Values                            | Result                                  |
|-----------------------------------------------|-----------------------------------------|-----------------------------------------|
| Melting point                                 | 126-130 (°C)                            | 126.10000 °C                            |
| Loss on drying                                | 0-0.5 (%)                               | 0.23000 %                               |
| Purity(HPLC)                                  | 99-100 (%)                              | 99.03000 %                              |
| Heavy metals                                  | 0-20 (ppm)                              | 3.52000 ppm                             |
| Sulfate Ash                                   | 0-0.1 (%)                               | 0.03000 %                               |
| Appearance (T129578)                          | White to Almost white powder to crystal | White to Almost white powder to crystal |
| Infrared spectrum                             | Conforms to Structure                   | Conforms to Structure                   |
| Solubility in EtOH , Colorless Clear,50 mg/ml | pass                                    | Pass                                    |



John Su  
QA & QC Manager