

## Certificate of Analysis

Date of Testing: 2024-09-07 11:03:59  
Date of Next Testing: 2026-09-07 11:03:59  
Product Name: **Tolbutamide**  
CAS Number: 64-77-7  
Specifications & Purity:  $\geq 99\%$   
Lot #: I2402468  
SKU #: **T129578**  
Version: **1**  
Analysis #: **157211**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

| Parameter                                     | Limit Values                            | Result                                  |
|---|---|---|
| Loss on drying                                | 0-0.5 (%)                               | 0.24 %                                  |
| Purity(HPLC)                                  | 99-100 (%)                              | 99.03400 %                              |
| Heavy metals                                  | 0-20 (ppm)                              | 3.53 ppm                                |
| Sulfate Ash                                   | 0-0.1 (%)                               | 0.04 %                                  |
| Melting point                                 | 126-130 ( $^{\circ}\text{C}$ )          | 126.12000 $^{\circ}\text{C}$            |
| Solubility in EtOH , Colorless Clear,50 mg/ml | pass                                    | Pass                                    |
| Appearance (T129578)                          | White to Almost white powder to crystal | White to Almost white powder to crystal |
| Infrared spectrum                             | Conforms to Structure                   | Conforms to Structure                   |



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QA & QC Manager