

Certificate of Analysis

Date of Testing: 2023-01-16 13:07:21
Date of Next Testing: 2025-01-15 13:07:21
Product Name: **Tolbutamide**
CAS Number: 64-77-7
Specifications & Purity: $\geq 99\%$
Lot #: A2304582
SKU #: **T129578**
Analysis: **157211**
Storage Temperature: Store at -20°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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