

## Certificate of Analysis

Date of Testing: 2023-03-13 11:53:13  
Date of Next Testing: 2025-03-12 11:53:13  
Product Name: **Tolbutamide**  
CAS Number: 64-77-7  
Specifications & Purity:  $\geq 99\%$   
Lot #: F2101045  
SKU #: **T129578**  
**Analysis:** **197979**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Melting point	126-130 ( $^{\circ}\text{C}$ )	127.30000 $^{\circ}\text{C}$
Loss on drying	0-0.5 (%)	0.31 %
Purity(HPLC)	99-100 (%)	99.72560 %
Heavy metals	0-20 (ppm)	15.00 ppm
Sulfate Ash	0-0.1 (%)	0.04 %
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