

## Certificate of Analysis

Date of Testing: 2024-09-07 13:47:00  
Date of Next Testing: 2026-09-07 13:47:00  
Product Name: **Tolbutamide**  
CAS Number: 64-77-7  
Specifications & Purity:  $\geq 99\%$   
Lot #: I2404021  
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



John Su  
QA & QC Manager