

Certificate of Analysis

Date of Testing: 2023-01-17 11:17:49

Date of Next Testing: 2025-01-16 11:17:49

Product Name: **Tolbutamide**

CAS Number: 64-77-7

Specifications & Purity: $\geq 99\%$

Lot #: A2304572

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

John Su
QA & QC Manager