

Certificate of Analysis

Date of Testing: 2022-05-06 15:21:43

Date of Next Testing: 2024-05-05 15:21:43

Product Name: **Tolbutamide**

CAS Number: 64-77-7

Specifications & Purity: $\geq 99\%$

Lot #: H1401054

SKU #: **T129578**

Analysis: **088860**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Melting point	126-130 ($^{\circ}\text{C}$)	129.50000 $^{\circ}\text{C}$
Loss on drying	0-0.5 (%)	0.22 %
Purity(HPLC)	98-100 (%)	99.20000 %
Heavy metals	0-20 (ppm)	12.90 ppm
PH	4.5-5.5	4.80
Sulfate Ash	0-0.1 (%)	0.03 %
Appearance (T129578)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Colorless Clear,50 mg/ml	pass	Pass



John Su
QA & QC Manager