

Certificate of Analysis

Date of Testing: 2022-09-26 11:14:50

Date of Next Testing: 2024-09-25 11:14:50

Product Name: **Phenylbutazone**

CAS Number: 50-33-9

Specifications & Purity: $\geq 98\%$ (HPLC)

Lot #: I2221047

SKU # **P129990**

Analysis: 139742

Parameter	Limit Values	Result
Purity(Neutralization titration)	97.5-102.5 (%)	98.50%
Nitrogen by Elemental Analysis	8.8-9.3 (%)	8.90%
Carbon by Elemental Analysis	72.3-74.5 (%)	73.20%
Purity(HPLC)	98-100 (%)	99.32140%
Melting point	104-108 (°C)	105.36000 °C
Appearance (P129990)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility,Colorless to light yellow clear (50mg/ml in ethanol)	pass	Pass



John Su
QA & QC Manager