

Certificate of Analysis

Date of Testing: 2023-09-20 10:01:26

Date of Next Testing: 2025-09-19 10:01:26

Product Name: **Phenylbutazone**

CAS Number: 50-33-9

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

Lot #: K2126298

SKU #: **P129990**

Analysis: 278388

Parameter	Limit Values	Result
Purity(Neutralization titration)	97.5-102.5 (%)	98.20%
Nitrogen by Elemental Analysis	8.8-9.3 (%)	8.96%
Carbon by Elemental Analysis	72.3-74.5 (%)	73.20%
Purity(HPLC)	98-100 (%)	99.10440%
Melting point	104-108 (°C)	105.60000 °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