

Certificate of Analysis

Date of Testing: 2024-08-13 16:25:49
Date of Next Testing: 2026-08-13 16:25:49
Product Name: **Phenylbutazone**
CAS Number: 50-33-9
Specifications & Purity: $\geq 98\%$ (HPLC)
Lot #: H2406058
SKU #: **P129990**
Version: **0**
Analysis #: **398903**

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