

Certificate of Analysis

Date of Testing: 2024-07-10 15:07:58

Date of Next Testing: 2026-07-10 15:07:58

Product Name: **Phenylbutazone**

CAS Number: 50-33-9

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

Lot #: G2403651

SKU #: **P129990**

Version: **0**

Analysis #: **345615**

Parameter	Limit Values	Result
Purity(Neutralization titration)	97.5-102.5 (%)	101.30 %
Melting point	104-108 (°C)	107.40000 °C
Nitrogen by Elemental Analysis	8.8-9.3 (%)	9.08 %
Carbon by Elemental Analysis	72.3-74.5 (%)	72.41 %
Purity(HPLC)	98-100 (%)	98.83000 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (P129990)	White to Off-White Powder	White to Off-White Powder
Solubility,Colorless to light yellow clear (50mg/ml in ethanol	pass	Pass



John Su
QA & QC Manager