

Certificate of Analysis

Date of Testing: 2024-07-10 15:09:11
Date of Next Testing: 2026-07-10 15:09:11
Product Name: **Phenylbutazone**
CAS Number: 50-33-9
Specifications & Purity: $\geq 98\%$ (HPLC)
Lot #: G2403652
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