

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-16 18:25:05

Date of Next Testing: 2027-05-16 18:25:05

Product Name: **Phenylbutazone**

CAS Number: 50-33-9

Specifications & Purity: Moligand™, ≥98%(HPLC)

Lot #: E2509398

SKU #: **P129990**

Version: **0**

Analysis #: **390335**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Neutralization titration)	97.5-102.5 (%)	101.30000 %
Nitrogen by Elemental Analysis	8.8-9.3 (%)	8.92000 %
Carbon by Elemental Analysis	72.3-74.5 (%)	73.58400 %
Purity(HPLC)	98-100 (%)	98.88700 %
Melting point	104-108 (°C)	106.52000 °C
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