

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-13 11:07:24

Date of Next Testing: 2027-04-12 11:07:24

Product Name: **4-Phenylurazole**

CAS Number: 15988-11-1

Specifications & Purity: $\geq 98\%$

Lot #: H1519081

SKU #: **P124068**

Version: **0**

Analysis #: **210431**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis	52.9-55.6 (%)	54.26000 %
Purity(HPLC)	98-100 (%)	99.19000 %
Purity(Neutralization titration)	97.5-102.5 (%)	98.10000 %
Nitrogen by Elemental Analysis	23.1-24.3 (%)	23.90000 %
Melting point	207-211 (°C)	210.00000 °C
Appearance (P124068)	white to beige powder or crystals	white to beige powder or crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH	almost transparency	almost transparency



John Su
QA & QC Manager