

Certificate of Analysis

Date of Testing: 2024-10-11 15:06:29

Date of Next Testing: 2027-10-11 15:06:29

Product Name: **Valeraldehyde 2,4-Dinitrophenylhydrazone**

CAS Number: 2057-84-3

Specifications & Purity: >98.0%(T)

Lot #: A2210050

SKU #: **V162961**

Version: **0**

Analysis #: **417795**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.70000 %
Melting point	102-105 (°C)	102.60000 °C
Elemental analysis(Nitrogen)	20.1-21.5 (%)	21.06 %
Carbon by Elemental Analysis	48.5-50.5 (%)	50.10 %
Appearance (V162961Form)	Powder to crystal	Powder to crystal
Appearance (V162961Color)	White to Yellow to Orange	White to Yellow to Orange
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager