

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-25 11:47:27
 Date of Next Testing: 2029-06-24 11:47:27
 Product Name: **Valeraldehyde 2,4-Dinitrophenylhydrazone**
 CAS Number: 2057-84-3
 Specifications & Purity: $\geq 98\%$ (T)
 Lot #: L2010234
 SKU #: **V162961**
 Version: **1**
 Analysis #: **724712**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Melting point	108-111 (°C)	108.09800 °C
Elemental analysis(Nitrogen)	20.1-21.5 (%)	21.06700 %
Carbon by Elemental Analysis	48.5-50.5 (%)	50.25800 %
Purity(Neutralization titration)	97-102.5 (%)	99.75800 %
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