

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-22 09:19:50

Date of Next Testing: 2028-06-21 09:19:50

Product Name: Isovaleraldehyde 2,4-Dinitrophenylhydrazone

CAS Number: 2256-01-1

Specifications & Purity: $\geq 99\%$

Lot #: F2403052

SKU #: I157641

Version: 2

Analysis #: 353090

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	> 99 (%)	99.47300 %
Melting point	122-129 (°C)	126.97000 °C
Nitrogen by Elemental Analysis	20.41-21.46 (%)	20.98100 %
Appearance(I157641)	White to Yellow to Orange powder to crystal	White to Yellow to Orange powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager