

Certificate of Analysis

Date of Testing: 2024-06-22 09:21:07

Date of Next Testing: 2028-06-21 09:21:07

Product Name: Isovaleraldehyde 2,4-Dinitrophenylhydrazone

CAS Number: 2256-01-1

Specifications & Purity: $\geq 99\%$

Lot #: F2403054

SKU #: I157641

Version: 2

Analysis #: 353090

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	> 99 (%)	99.47 %
Melting point	122-129 (°C)	126.97000 °C
Nitrogen by Elemental Analysis	20.41-21.46 (%)	20.98 %
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