

Octanoic acid (Standard)

Cat. No.:

HY-41417R

Molecular Formula:
 $C_8H_{16}O_2$
Batch No.:

356299

Molecular Weight:

144.21

CAS No.:

124-07-2

Package:

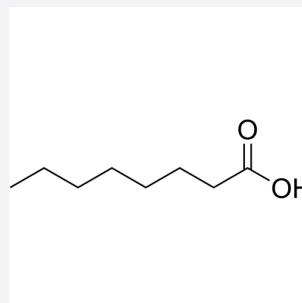
Brown glass bottle

Test Date:

2024-03-01

Storage:

4°C, sealed storage, away from moisture and light


Expiry Date:

2026-02-28 (Stability testing is ongoing to ensure concentration accuracy . The certificate of analysis and product expiry date will be updated upon completion of testing. You can download the latest version from our official website)

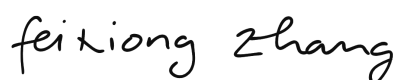
Assay: 94.32%

Assay (%) = (100%-Loss On Drying - Residue on ignition) * Purity

Analytical	Specification	Result
Appearance:	Colorless to light yellow (Liquid)	Colorless (Liquid)
1H NMR Spectrum:	Consistent with structure	Consistent with structure
MS:	Consistent with structure	Consistent with structure
Purity:	Not less than 90.0%	98.95% (GC)
Loss on drying (LOD):	<5.0%	4.48%
Residue on ignition (ROI):	N/A	0.19%
Traceability:	Fully qualified and calibrated to ISO 17025 requirements. All calibrations utilize institute of metrology traceable weights which are calibrated externally by a qualified ISO 17025 accredited calibration laboratory to metrology institute standards.	



Quality Control



Quality Assurance

