

Palmitic acid (Standard)

Cat. No.:

HY-N0830R

Molecular Formula:
 $C_{16}H_{32}O_2$
Batch No.:

356311

Molecular Weight:

256.42

CAS No.:

57-10-3

Package:

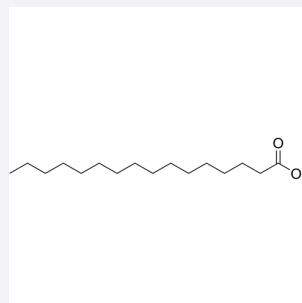
Brown glass bottle

Test Date:

2024-02-29

Storage:

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


Expiry Date:

2026-02-27 (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)

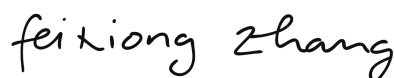
Assay: 97.55%

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

Analytical	Specification	Result
Appearance:	White to off-white (Solid)	White (Solid)
1H NMR Spectrum:	Consistent with structure	Consistent with structure
MS:	Consistent with structure	Consistent with structure
Purity:	Not less than 90.0%	98.31% (GC)
Loss on drying (LOD):	<3.0%	0.14%
Residue on ignition (ROI):	N/A	0.63%
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

