

## Undecanoic acid (Standard)

**Cat. No.:**

HY-W004282R

**Molecular Formula:**
 $C_{11}H_{22}O_2$ 
**Batch No.:**

356307

**Molecular Weight:**

186.29

**CAS No.:**

112-37-8

**Package:**

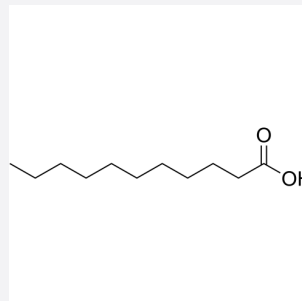
Brown glass bottle

**Test Date:**

2024-03-01

**Storage:**

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


**Expiry Date:**

2027-02-28 (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)

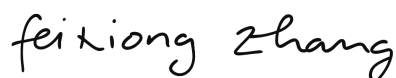
**Assay: 99.33%**

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

Analytical	Specification	Result
Appearance:	White to off-white (Solid)	White to off-white (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure	Consistent with structure
MS:	Consistent with structure	Consistent with structure
Purity:	Not less than 90.0%	99.83% (GC)
Loss on drying (LOD):	<3.0%	0.44%
Residue on ignition (ROI):	N/A	0.06%
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

