

Specification

Technical Data Sheet

CAS 124-07-2	STORAGE Ambient	MOLECULAR WEIGHT 144.21
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PRODUCT**Octanoic acid (Caprylic acid) - USP Grade**

Product number	90026515
CAS number	124-07-2
Molecular formula	CH ₃ (CH ₂) ₆ COOH
Molecular weight	144.21 g/mol

PARAMETER	SPECIFICATION
Appearance	Clear colourless oily liquid or white flakes
Assay	≥ 99.0%
Grade	USP
Refractive Index	1.425 - 1.428 (@20°C)
Acid Value (mg KOH/g)	366 - 396mgKOH/g
Heavy Metals (Pb)	≤ 0.001%
Relative density	0.908 - 0.913 (@25°C)
Solubility	Conforms to USP requirements
Arsenic (As)	≤ 0.0001%
Identification (IR)	Conforms to Reference
Water (KF)	≤ 0.5%

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

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