

Specification

Technical Data Sheet

CAS 143-07-7	STORAGE Ambient	MOLECULAR WEIGHT 200.32
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PRODUCT**Lauric acid (polyp.) Pharma. Grade**

Product number	90032425
CAS number	143-07-7
Molecular formula	CH ₃ (CH ₂) ₁₀ COOH
Molecular weight	200.32 g/mol

PARAMETER	SPECIFICATION
colour (5 ¼ Lov. Cell) R	≤1.0%
Colour (5 ¼ Lov. Cell) Y	≤1.2%
Appearance	Solid
Colour (Pt-Co)	≤40 APHA
Acid Value (mg KOH/g)	278.0-282.0
Assay (titre)	≤44.0°C
C10	≤1.0%
C12	≥99.0%
C14	≤1.0%
Saponification Value (mgKOH/g)	279.0-283.0
Iodine value (g I₂/100g)	≤0.30%
Moisture Content	≤0.2%

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.

Molekula Ltd would like to thank you for your support of our products and service.

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