

Specification

Technical Data Sheet

CAS

112-80-1

STORAGE

2 to 8 &deg;C

MOLECULAR WEIGHT

282.46

PRODUCT

Oleic Acid 75% Food Grade

Product number	90038344
CAS number	112-80-1
Molecular formula	C18H34O2
Molecular weight	282.46 g/mol

PARAMETER

SPECIFICATION

colour (5 ¼ Lov. Cell) R	≤ 1
Colour (5 ¼ Lov. Cell) Y	≤ 10
Fatty acid composition (% above C20)	< 1.5
Fatty acid composition (% below C14)	< 3
Fatty acid composition (C16, Palmitic Acid %)	< 6
Fatty acid composition (C18, Stearic Acid %)	< 2
Fatty acid composition (C18:1, Oleic Acid %)	> 78
Fatty acid composition (C18:2, Linoleic Acid %)	< 13
Fatty acid composition (C18:3, Linolenic Acid %)	< 0.5
Titre	≤ 9.0
Acid Value (mg KOH/g)	195-203
Saponification Value (mgKOH/g)	196-204

PARAMETER

SPECIFICATION

Iodine value (g I₂/100g)

≥ 86.0

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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