

Specification

Technical Data Sheet

CAS**8001-79-4****STORAGE****Ambient****MOLECULAR WEIGHT****N/A****PRODUCT****Castor oil - Organic****Product number** 90034459**CAS number** 8001-79-4**Molecular formula** N/A**Molecular weight** N/A g/mol**PARAMETER****SPECIFICATION****Appearance**

Colourless to pale yellow liquid

Acid Value (mg KOH/g)

≤0.8

C 18:1 Oleic Acid

2.5 - 6.0

Eicosanoic Acid

Max 1.0

Hydroxyl value (mgKOH/g)

160 - 168

Odour

Neutral and a bit fatty

Ricinoleic Acid

85 - 92

Saponification Value (mgKOH/g)

176 - 185

Specific gravity (20 °C)

0.957 - 0.961

Iodine value (g I₂/100g)

82 - 90

Linoleic acid

2.5 - 7.0

Linolenic acid

Max 1.0

Palmitic acid

Max 2.0

Refractive index(20 Deg C)

1.460 - 1.483

Stearic acid

Max 2.5

Unsaponifiable matter

≤0.80%

PARAMETER	SPECIFICATION
Water (KF)	≤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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