

Specification

Technical Data Sheet

CAS**56-81-5****STORAGE****Ambient****MOLECULAR WEIGHT****92.05****PRODUCT****Glycerol (BC) BP/EP/E422/KOSHER/NON GMO**

Product number	90034316
CAS number	56-81-5
Molecular formula	C ₃ H ₈ O ₃
Molecular weight	92.05 g/mol

PARAMETER**SPECIFICATION**

Appearance	Colourless, Odourless, Viscous Liquid
Assay	99.5%-101%
Colour (Pt-Co)	<10
Heavy metals	<5 mg/kg
Water	<0.5%
3-MCPD	Complies
Acidity / Alkalinity	<0.2 ml (0.1M NaOH)
Acrolein formation on heating (Id A)	Complies
Acrolein, glucose, and ammonium cmpds	Complies
Aldehydes	<10 ppm
Appearance of Solution	Complies
Butanetriols	<0.2%
Cadmium (Cd)	<1 mg/kg
Chlorides	<10ppm
Esters (HCl 0,1M)	>8ml (0.1N HCl)

PARAMETER	SPECIFICATION
Fatty acids and esters (as butyric acid)	<0.1%
Halogenated Compounds	<30ppm
Identifications A, B, C and D	Complies
Impurity A and related substances	Complies
Specific Gravity	>1.257 (25°C)
Sugars	Complies
Sulphated Ash	<0.01 %
Arsenic (As)	<3 mg/kg
Chlorinated Compounds	<30ppm
Complies with	BP/EP/E422/KOSHER/NON GMO
Lead (Pb)	<2 mg/kg
Mercury (Hg)	<1 mg/kg
Refractive index(20 Deg C)	1.471 - 1.474

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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