

Oleine (animal origin) Product Datasheet

Item number: 40-074

General Information

Chemical name:	Oleine
CAS no.	67701-08-0
EC no.	266-932-7
Storage Recommendations:	<ul style="list-style-type: none">• Keep packing unopened and undamaged• store at room temperature in a clean and aerated place

Guaranteed Specification

Parameter	Unit	Typical	Min.	Max.	Method
Saponification Value	mg KOH / g		199	205	ISO 3657
Peroxide Value	meqO ₂ / kg			10	ISO 3960
Ash Content	% (m / m)			0.1	ISO 6884
Water	% (m / m)			0.5	ISO 760

Typical Values

Parameter	Unit	Typical	Min.	Max.	Method
Appearance at room temperature		liquid			
Colour		pale yellow			
Odour		typical			
Flash point	°C		180		
Cloud point	°C	6			
Self ignition temperature	°C	345			
Decomposition temperature	°C		300		
Vapour pressure					
at 70 °C	hPa			0.1	
at 100 °C	hPa			1	
Density at 20 °C	kg / m ³	890			
Solubility in water at 25 °C	g / 100 ml			0.005	
Solubility in organic solvents at 25 °C	g / 100 ml os	10			
Viscosity at 40 °C	cSt	16.9			
Acid Value	mg KOH / g		198	204	ISO 660
Iodine Value	gI ₂ / 100 g		88	95	ISO 3961
Lovibond 5 ¼", Yellow				10	BS 684 sec. 1.14
Lovibond 5 ¼", Red				1.5	BS 684 sec. 1.14



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Fatty Acid Composition

Parameter	Unit	Typical	Min.	Max.	Method
C12	% (m / m)			1	
C14	% (m / m)			4	
C16	% (m / m)		3	6	
C18	% (m / m)			3	
C18:1	% (m / m)		70	75	
C18:2	% (m / m)		5	11	
C18:3	% (m / m)			2.5	
C20+C22	% (m / m)			2	

Packaging

- Bulk in road tankers
- Drums
- IBC-Containers

Shelf Life

For bulk deliveries we guarantee the product stays in standard specification for max. 1 month taken from the date of departure from the plant stored in stainless steel tanks with nitrogen blanketing at max. 80 °C. Stored in the original packaging at 40 °C we guarantee the product stays in standard specifications for max. 2 years.

Once product has been in contact with air colour of product can intensify during storage not affecting other quality parameters.