

## TECHNICAL DATA SHEET

<b>TRADE NAME</b>	<b>PARYOL 181 SM/R</b>
<b>DESCRIPTION</b>	<b>SESAME OIL - REFINED</b>
<b>INCI NAME (EU)</b>	<b>SESAMUM INDICUM SEED OIL</b>
<b>INCI NAME (US)</b>	<b>SESAMUM INDICUM SEED OIL</b>
<b>CAS NUMBER</b>	<b>8008-74-0</b>
<b>EC NUMBER</b>	<b>232-370-6</b>

	<b>U.M.</b>	<b>Test methods</b>	<b>Range</b>
Physical status at 25°C		Visual	Liquid
Acid value	mgKOH/g	AOCS Cd 3d-63	≤ 0.5
Iodine value	gI <sub>2</sub> /100g	AOCS Cd 1-25	103.0 – 116.0
Saponification value	mgKOH/g	AOCS Cd 3-25	185.0 – 200.0
Peroxide value at drumming*	meqO <sub>2</sub> /kg	AOCS Cd 8-53	≤ 2.0
Peroxide value during shelf life	meqO <sub>2</sub> /kg	AOCS Cd 8-53	≤ 10.0
Colour	Yellow/Red	Lovibond cell 5"¼	≤ 40Y/4.0R
Unsaponifiable matter	%	AOCS Ca 6b-53	≤ 1.0
Density at 20°C	g/cc	ASTM D1298-85	0.900 – 0.930
Cloud point	°C	AOCS Cc 6-25	≤ -10
Pour point	°C	ASTM D97-87	≤ -15

\*Guaranteed at direct arrival in customers' warehouse

### Fatty acids composition %(GLC):

Myristic acid	C14:0	≤ 0.1
Palmitic acid	C16:0	6.0 – 15.0
Palmitoleic acid	C16:1	≤ 0.5
Margaric acid	C17:0	≤ 0.1
Margaroleic acid	C17:1	≤ 0.1
Stearic acid	C18:0	3.0 – 6.0
Oleic acid	C18:1	40.0 – 50.0
Linoleic acid	C18:2	30.0 – 55.0
Alpha-Linolenic acid	C18:3	≤ 0.5
Arachidic acid	C20:0	≤ 0.5
Eicosenoic acid	C20:1	≤ 0.5
Behenic acid	C22:0	≤ 0.5
Erucic acid	C22:1	Tr.

Shelf life: 12 months minimum in cool conditions in unopened container

**Note:** the reported shelf life is referred to the product stored at room temperature, possibly in the original packaging and away from direct sunlight and heat sources. A&A Fratelli Parodi Spa shall not be held liable for a shelf life reduction (e.g. for unexpected increase in peroxides content) if the above conditions are not respected.