

## TECHNICAL DATA SHEET

<b>TRADE NAME</b>	<b>PARYOL 285 G/R</b>
<b>DESCRIPTION</b>	<b>REFINED WHEAT GERM OIL</b>
<b>INCI NAME (UE)</b>	<b>TRITICUM VULGARE GERM OIL</b>
<b>CAS NUMBER</b>	<b>68917-73-7</b>
<b>EC NUMBER</b>	<b>---</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	115.0 – 140.0
Saponification value	mgKOH/g	AOCS Cd 3-25	180.0 – 200.0
Peroxide value*	meqO <sub>2</sub> /Kg	AOCS Cd 8 -53	≤ 5.0
Colour	Yellow/Red	Lovibond cell 5 <sup>'''</sup> / <sub>4</sub>	≤ 50.0Y/5.0R
Unsaponifiable matter	%	AOCS Ca 6b-53	≤ 2.0
Density at 20°C	g/cc	ASTM D1298-85	0.900 – 0.925
Cloud point	°C	AOCS Cc 6-25	≤ 10
Pour point	°C	ASTM D97-87	≤ 2
Vitamine E	%	AOCS Tp 1a-64	≤ 0.3

\*Guaranteed at drumming

### Fatty acids composition %(GLC):

Myristic acid	C14:0	≤ 0.1
Palmitic acid	C16:0	11.0 – 16.0
Palmitoleic acid	C16:1	≤ 1.0
Margaric acid	C17:0	≤ 0.1
Margaroleic acid	C17:1	≤ 0.1
Stearic acid	C18:0	1.0 – 6.0
Oleic acid	C18:1	12.0 – 39.0
Linoleic acid	C18:2	30.0 – 57.0
Alpha-Linolenic acid	C18:3	2.0 – 10.0
Arachidic acid	C20:0	≤ 1.0
Eicosenoic acid	C20:1	≤ 0.5
Behenic acid	C22:0	≤ 1.0
Erucic acid	C22:1	≤ 0.3

Due to the typical fatty acid composition, it is possible to find a white sediment on the drum bottom: heat up and stir the product to dissolve this sediment.

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.