

## TECHNICAL DATA SHEET

<b>TRADE NAME</b>	<b>PARYOL 255 MC/R</b>
<b>DESCRIPTION</b>	<b>REFINED MACADAMIA OIL</b>
<b>INCI NAME (EU)</b>	<b>MACADAMIA INTEGRIFOLIA SEED OIL</b>
<b>INCI NAME (US)</b>	<b>MACADAMIA INTEGRIFOLIA SEED OIL</b>
<b>CAS NUMBER</b>	<b>438545-25-6 / 159518-86-2</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	70.0 – 80.0
Saponification value	mgKOH/g	AOCS Cd 3-25	190.0 – 200.0
Peroxide value*	meqO <sub>2</sub> /Kg	AOCS Cd 8-53	≤ 5.0
Colour	Yellow/Red	Lovibond cell 5"¼	≤ 15.0Y/1.5R
Unsaponifiable matter	%	AOCS Ca 6b-53	≤ 1.5
Density at 20°C	g/cc	ASTM D1298-85	0.911 – 0.918
Refractive index		AOCS Tp 1a-64	1.466 – 1.470
*Guaranteed at drumming			

### Fatty acids composition %(GLC):

Lauric acid	C12:0	≤ 1.0
Myristic acid	C14:0	≤ 1.5
Palmitic acid	C16:0	8.0 – 10.0
Palmitoleic acid	C16:1	16.0 – 24.0
Stearic acid	C18:0	2.0 – 4.0
Oleic acid	C18:1	53.0 – 67.0
Linoleic acid	C18:2	1.5 – 4.0
Alpha-Linolenic acid	C18:3	≤ 0.6
Arachidic acid	C20:0	≤ 3.0
Eicosenoic acid	C20:1	≤ 3.0
Behenic acid	C22:0	≤ 1.0
Erucic acid	C22:1	≤ 1.0
Lignoceric acid	C24:0	≤ 0.5
Others		≤ 2.0

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.