



*A. & A. Fratelli Parodi s.p.a.*

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COA mod. MR 13 10, based on

TDS Rev. 3, 01/2020

(mod. MR 13 21)

Date: 29/10/2020

## CERTIFICATE OF ANALYSIS

<b>TRADE NAME</b>	<b>PARYOL 568 RS/R</b>
<b>DESCRIPTION</b>	<b>REFINED RICE BRAN OIL</b>
<b>INCI NAME (EU)</b>	<b>ORYZA SATIVA BRAN OIL</b>
<b>INCI NAME (US)</b>	<b>ORYZA SATIVA (RICE) BRAN OIL</b>
<b>CAS NUMBER</b>	<b>68553-81-1</b>
<b>EC NUMBER</b>	<b>271-397-8</b>
<b>PRODUCTION DATE</b>	<b>10/2020</b>
<b>BATCH NUMBER</b>	<b>6058L20/01</b>

	U.M.	Test methods	Range	Analytical results
Physical status at 25°C		Visual	Liquid	Conform
Acid value	mgKOH/g	AOCS Cd 3d-63	≤ 1.0	0.08
Iodine value	gI <sub>2</sub> /100g	AOCS Cd 1-25	88.0 – 105.0	103.4
Saponification value	mgKOH/g	AOCS Cd 3-25	185.0 – 198.0	192.5
Peroxide value*	meqO <sub>2</sub> /kg	AOCS Cd 8-53	≤ 5.0	0.6
Colour	Yellow/Red	Lovibond cell 5" <sup>1</sup> / <sub>4</sub>	≤ 60.0Y/6.0R	4.0Y/0.4R
Unsaponifiable matter	%	AOCS Ca 6b-53	≤ 4.0	Conform

\*Guaranteed at drumming

### Fatty acids composition %(GLC):

Lauric acid	C12:0	≤ 0.5	Tr.
Myristic acid	C14:0	≤ 1.0	0.11
Palmitic acid	C16:0	16.0 – 25.0	16.26
Palmitoleic acid	C16:1	≤ 1.0	0.12
Margaric acid	C17:0	≤ 0.1	Tr.
Margaroleic acid	C17:1	≤ 0.1	Tr.
Stearic acid	C18:0	0.5 – 3.5	3.34
Oleic acid	C18:1	35.0 – 50.0	40.31
Linoleic acid	C18:2	25.0 – 40.0	37.94
Alpha-Linolenic acid	C18:3	0.5 – 3.0	0.58
Arachidic acid	C20:0	0.5 – 2.0	0.52
Eicosenoic acid	C20:1	≤ 1.0	0.25
Behenic acid	C22:0	≤ 0.8	0.56
Erucic acid	C22:1	Tr.	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.