



A. & A. Fratelli Parodi s.p.a.
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COA mod. MR 13 10, based on

TDS Rev. 4, 10/2020

(mod. MR 13 21)

Date: 21/05/2021

CERTIFICATE OF ANALYSIS

TRADE NAME	PARYOL 568 RS/R
DESCRIPTION	REFINED RICE BRAN OIL
INCI NAME (EU)	ORYZA SATIVA BRAN OIL
INCI NAME (US)	ORYZA SATIVA (RICE) BRAN OIL
CAS NUMBER	68553-81-1
EC NUMBER	271-397-8
PRODUCTION DATE	03/2021
BATCH NUMBER	6058C21/01

	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 ₂ /100g	AOCS Cd 1-25	88.0 – 105.0	104.6
Saponification value	mgKOH/g	AOCS Cd 3-25	185.0 – 198.0	192.8
Peroxide value at drumming*	meqO ₂ /kg	AOCS Cd 8-53	≤ 5.0	0.3
Peroxide value during shelf life	meqO ₂ /kg	AOCS Cd 8-53	≤ 10.0	Conform
Colour	Yellow/Red	Lovibond cell 5"¼	≤ 60.0Y/6.0R	3.1Y/0.4R
Unsaponifiable matter	%	AOCS Ca 6b-53	≤ 4.0	Conform

*guaranteed at direct arrival in customer's warehouse

Fatty acids composition %(GLC):

Lauric acid	C12:0	≤ 0.5	Tr.
Myristic acid	C14:0	≤ 1.0	0.09
Palmitic acid	C16:0	16.0 – 25.0	16.87
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	3.01
Oleic acid	C18:1	35.0 – 50.0	40.68
Linoleic acid	C18:2	25.0 – 40.0	37.45
Alpha-Linolenic acid	C18:3	0.5 – 3.0	0.57
Arachidic acid	C20:0	0.5 – 2.0	0.56
Eicosenoic acid	C20:1	≤ 1.0	0.15
Behenic acid	C22:0	≤ 0.8	0.49
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.

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