

CERTIFICATE OF ANALYSIS

CLIENT	COSMOCHEM
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	08/2021
BATCH NUMBER	6058H21/01

	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	0.11
Iodine value	gI ₂ /100g	AOCS Cd 1-25	88.0 – 105.0	104.5
Saponification value	mgKOH/g	AOCS Cd 3-25	185.0 – 198.0	192.9
Peroxide value at drumming*	meqO ₂ /kg	AOCS Cd 8-53	≤ 5.0	0.5
Peroxide value during shelf life	meqO ₂ /kg	AOCS Cd 8-53	≤ 10.0	guaranteed within shelf-life
Colour	Yellow/Red	Lovibond cell 5"¼	≤ 60.0Y/6.0R	4.5Y/0.7R
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	0.08
Palmitic acid	C16:0	16.0 – 25.0	16.51
Palmitoleic acid	C16:1	≤ 1.0	0.14
Margaric acid	C17:0	≤ 0.1	Tr.
Margaroleic acid	C17:1	≤ 0.1	Tr.
Stearic acid	C18:0	0.5 – 3.5	3.38
Oleic acid	C18:1	35.0 – 50.0	38.29
Linoleic acid	C18:2	25.0 – 40.0	39.79
Alpha-Linolenic acid	C18:3	0.5 – 3.0	0.56
Arachidic acid	C20:0	0.5 – 2.0	0.61
Eicosenoic acid	C20:1	≤ 1.0	0.13
Behenic acid	C22:0	≤ 0.8	0.50
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.