

## CERTIFICATE OF ANALYSIS

### HAZELNUT OIL REFINED

Lot n. B2100011

	LIMITS	RESULT
Appearance	Clear, light yellow liquid	Complies
Colour Lovibond 5 ¼	< 25Y, < 2.5R	13Y, 1.0R
Odour	Odourless	Complies
Relative Density at 20°C	0.910 – 0.930	0.917
Refractive Index at 20°C	1.465 – 1.473	1.470
Saponification Value	187 -200	192
Unsaponifiable Matter	< 1.0	0.6
Free Fatty Acid (% as oleic)	< 0.2	0.1
Peroxide Value	< 10.0	2.2
Iodine Value	83.0 – 90.0	86.0
Fatty acid composition	LIMITS	RESULT
C16:0 Palmitic	5.0 – 10.0	8.0
C16:1 Palmitoleic	< 1.0	0.2
C18:0 Stearic	2.0 – 6.0	2.9
C18:1 Oleic	68.0 – 85.0	78.8
C18:2 Linoleic	7.0 – 15.0	8.5
C18:3 Linolenic	< 0.5	0.1
C20:0 Arachidic	< 0.5	0.2
C20:1 Eicosanoic	< 0.3	0.2

Production date : January 2021

Expiry date : January 2023

Shelf life: 24 months minimum in cool conditions, protected from light, in unopened container

Milano, 25 January 2021