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Certificate of Analysis Sheet

Organic Camellia Oil

(*Camellia oleifera*)

BATCH NUMBER: 090721-7
ORIGIN: CHINA
PRODUCT INCI: CAMELLIA OLEIFERA SEED OIL
CAS NUMBER: 225233-97-6
EINECS NUMBER: N/A
MANUFACTURING DATE: 20/01/2021

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
ODOUR	ODOURLESS	-
COLOUR	LIGHT YELLOW - YELLOW	-
SPECIFIC GRAVITY @ 20°C	0.908 – 0.925	0.916
REFRACTIVE INDEX @ 20°C	1.460 – 1.477	1.468
FREE FATTY ACID (% AS OLEIC)	< 0.2	0.1
PEROXIDE VALUE (MEQ O ₂ / KG)	<20.0	0.6
IODINE VALUE	70.0 – 95.0	85
ACID VALUE	<1.0	0.15
SAPONIFICATION VALUE (MG KOH/GR)	185.0 – 199.0	194

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	<7.0	6.89
C18:0	STEARIC	<10.0	1.62
C18:1	OLEIC	73 – 89.0	79.3
C18:2	LINOLEIC	<15.0	10.4
C22:0	ARACHIDIC	<2.0	1.0
C22:0	BEHENIC	<3.0	1.5

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