

CERTIFICATE OF ANALYSIS

PRODUCT NAME: CHERRY KERNEL OIL, REFINED

LOT NUMBER: LOT0010610

PRODUCT INCI: PRUNUS AVIUM SEED OIL

PRODUCT CODE: K0125

CAS NUMBER: 85566-22-9

EINECS NUMBER: 287-632-2

MANUFACTURING METHOD: EXPELLER PRESSED & REFINED

MANUFACTURE DATE: 03/03/2021

BEST BEFORE END: 03/03/2023

ANALYTICAL DETAILS	RANGE	RESULTS
APPEARANCE	OILY LIQUID	-
COLOUR	CLEAR – LIGHT YELLOW	-
COLOUR (LOVIBOND)	<30Y, 2.5R	14/1.7
ODOUR	ALMOST ODOURLESS	-
SPECIFIC GRAVITY @ 20°C	0.915 – 0.925	0.921
REFRACTIVE INDEX @ 20°C	1.470 – 1.480	1.476
SAPONIFICATION VALUE	185.0 – 200.0	190.0
FREE FATTY ACID (% AS OLEIC)	<0.5	0.1
PEROXIDE VALUE	<10.0	0.9
IODINE VALUE	125.0 – 135.0	125.0
ACID VALUE	<1.0	0.2

FATTY ACID PROFILE		RANGE	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	6.0 – 10.0	7.5
C18:0	STEARIC	1.0 – 4.0	3.0
C18:1	OLEIC	30.0 – 45.0	40.3
C18:2	LINOLEIC	40.0 – 50.0	42.7
C18:3	LINOLENIC	<0.8	0.2
C18:3	ELCOSTEARIC	5.0 – 10.0	5.2
C20:1	ARACHIDIC	<0.8	0.4