

CERTIFICATE OF ANALYSIS

Product Name:	Broccoli Seed Oil Cold Pressed Organic
INCI:	<i>Brassica Oleracea Italica Seed Oil</i>
Cas No:	223749-36-8
Batch No:	BSH0922
Manufacturing Method:	Cold Pressed
Manufacturing Date:	31 March 2022
Expiry Date:	31 March 2024
Country of Origin:	Germany
Retest:	Suggested one month prior to expiry. (Customer's responsibility)

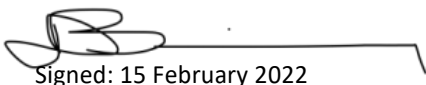
Analytical Details	Range %	Results
Appearance	Oily liquid	-
Odour	Characteristic	-
Colour	Yellow - Green	-
Specific Gravity @ 20°C	0.907-0.919	0.913
Refractive Index @ 20°C	1.461 - 1.475	1.475
Peroxide Value (MEQ O ₂ /KG)	<20.0	1.6
Iodine Value	86.0-120.0	96.5
Acid Value	<3.0	1.5
Saponification Value	168.-190.0	182.8

Fatty Acid Profile	Range %	Results
C16:0 Palmitic	<5.5	2.38
C18:0 Stearic	<6.5	1.26
C18:1 Oleic	<40.5	14.93
C18:2 Linoleic	<20.0	15.12
C18:3 Linolenic	<10.0	7.79
C20:1 Eicosenoic	<13.0	8.24
C22:1 Erucic	<30.0-50.0	45.83
C24:1 Nervonic	<2.0	0.2

Handling and Storage

Safe handling	Handle in accordance with good hygiene and safety practice. Keep containers sealed when not in use. Prevent spills & leaks to avoid slip hazard. Always wear personal protective clothing. Do not eat, drink, sniff or smoke whilst handling this product. Provide suitable mechanical equipment for the safe handling of drums & heavy packages.
Safe storage	Keep the product container tightly closed, in a dry, ventilated area (at temperatures <20°C). Keep away from potential sources of ignition and protected from light. Maintain limited contact with oxygen.

This product is certified organic by KIWA – BCS OEKO Garantie GmbH ZA – BIO -141


 Signed: 15 February 2022