

CERTIFICATE OF ANALYSIS

Product Name	Sea Buckthorn Seed Oil	Latin Name	<i>Hippophae rhamnoides L.</i>
Batch No	PY-SB20210623	Part Used	Seeds
Quantity	100KG	Analysis Date	Jun.26,2021
Mfg. Date	Jun.23,2021	Exp. Date	Jun.22,2024

No.	Item	Specification	Result
1.	Appearance	Orange to orange-red liquid	Complies
2.	Aroma	Sea buckthorn seed oil has the nherent odor, taste, odor-free	Complies
3.	Color and lustre	Orange to orange-red	Complies
4.	Refractive index(20℃)	1.465-1.480	1.4777
5.	Relative Density (20℃)	0.898 -0.928	0.9253
6.	Acid Value	≤10.0mgKOH/g	0.18mgKOH/g
7.	POV	≤0.15g/100g	0.02g/100g
8.	Moisture and volatile matter	≤0.20%	0.01%
9.	Impurities	≤0.15%	0.01%
10.	Iodine value (I)	140 -180g/100g	150.3g/100g
11.	Vitamin E	≥120mg/100g	145.8mg/100g
12.	Palmitic acid C16:0	6.0 -11.0%	8.6%
13.	Palmitoleic acid C16:1 (Omega 7)	0.3-2.0%	1.20%
14.	Stearic acid C18:0	0.1-3.0%	2.14%
15.	Oleic acid C18:1 (Omega 9)	15.0-25.0%	22.55%
16.	Linoleic acid C18:2 (Omage 6)	30.0-38.0%	36.18%
17.	Linolenic acid C18:3 (Omage 3)	23.0-31.0%	27.95%
18.	Solvents residue	Negative	Negative
19.	Aflatoxin B1	≤10μg/kg	<10μg/kg
20.	Pb	≤0.1mg/kg	<0.1mg/kg
21.	As	≤0.1mg/kg	<0.1mg/kg
22.	Benzo (a) pyrene	≤10μg/kg	<10μg/kg
23.	Pesticide Residues	Negative	Negative

Shelf life: 36 month when properly stored.stored at a cool (15-25℃), dry place and protected from light.

Conclusion: Conform with Specification.

Analyst: xuli

QC: lixiaochen