

## Spezifikation / Specification

### SILHA® COS Hagebuttenkernöl raffiniert Bio / Rose hip oil refined Organic

#### Beschreibung / Description:

Datum / Date: 02/2024

Version: 2

INCI	Rosa Canina Seed Extract
CAS-Nr. / no.	84696-47-9
EINECS-Nr. / no.	283-652-0
Zolltarifnummer / customs tariff no.	15159099

#### Zertifizierung / certification:

#### Sensorik / sensory property:

Aussehen / appearance	gelb-hellgelb / yellow-light yellow
Geruch / odour	Neutral / neutral
Konsistenz (20°C) / consistency (68°F)	flüssig / liquid
Schmelzpunkt / melting point	-

#### Chemische und physikalische Kennzahlen / chemical and physical operating figures:

Säurezahl / acid value	mg KOH/g	Max. 4.0
Freie Fettsäuren / free fatty acids	%	Max. 2.0
Peroxidzahl / peroxide value	meq O <sub>2</sub> /kg	Max. 5.0
relative Dichte / relative density (40°C)	g/ml	0.850 - 0.950
Brechungsindex / refraction index (40°C)	-	1.470 - 1.480
Iodzahl / iodine value	%	-
Wasser / moisture	%	-
Unreinheiten / impurities	%	-
Verseifungszahl / saponification value	mg KOH/g	189 - 195
Unverseifbare Anteile / unsaponifiable matter	%	Max. 1.5
Farbe / colour	visual	gelb-hellgelb / yellow-light yellow

#### Fettsäurezusammensetzung / fatty acid composition:

C12:0 Laurinsäure / lauric acid	%	-
C14:0 Myristinsäure / myristic acid	%	Max. 0.1
C16:0 Palmitinsäure / palmitic acid	%	5.0 - 12.0
C16:1 Palmitoleinsäure / palmitoleic acid	%	Max. 0.3
C18:0 Stearinsäure / stearic acid	%	2.0 - 5.0
C18:1 Ölsäure / oleic acid	%	12.0 - 20.0
C18:2 Linolsäure / linoleic acid	%	45.0 - 55.0
C18:3 Linolensäure / linolenic acid	%	20.0 - 30.0
C20:0 Arachinsäure / arachidic acid	%	Max. 2.5
C20:1 Eicosaensäure / eicosenoic acid	%	Max. 2.0
C22:0 Behensäure / Behenic acid	%	-

**Lagerung:** Kühl und trocken, vor Licht geschützt, in dicht verschlossenen, vollständig gefüllten Behältnissen.

**Haltbarkeit:** Im Originalgebinde mindestens 16 Monate ab Produktionsdatum.

**Verpackung:** 23 kg Kanister / 190 kg Fass / 900 kg IBC

**Storage:** Cool, dry, protected against light, in sealed and completely filled packages.

**Shelf life:** In original packaging minimum 16 months from production date.

**Packaging:** 23 kg cans / 190 kg drum / 920 kg IBC

**Note:**

All recommendations for use of our products, whether given by us in writing, orally, or to be implied from the results of tests carried out by us, are based on the current state of our knowledge at the time such recommendations are made. As additional information is learned, these recommendations may be updated. They may also be impacted by circumstances outside our control. Notwithstanding any such recommendations, the user shall remain responsible for satisfying himself that the product as supplied by us are suitable for his intended process or purpose. Since we cannot control the application, use or processing of the products, we cannot accept responsibility therefor. The user shall ensure that the intended use of the products will not infringe any third party's intellectual property rights.