



MATERIE PRIME NATURALI

CERTIFICATE OF ANALYSIS

ST. JOHN'S WORT OIL EB 6, PH. EUR.

Lot n. B1700050

ANALYSIS RESULTS:

Specific gravity (20 degree C)	0,913
Refractive index (20 degree C)	1,469
Acid value	1,5
Peroxide value	complies
Iodine value	79
Saponification value	191
Colour lovibond 1''yellow	> 70,0
Colour lovibond 1''red	> 12,0
Colour gardner	11,9
Hypericin content	0,009 %

Fatty acid composition

Lauric acid	(C 12:0)	< 0,05 %
Myristic acid	(C 14:0)	< 0,05 %
Myristoleic acid	(C 14:1)	< 0,05 %
Palmitic acid	(C 16:0)	10,42 %
Palmitoleic acid	(C 16:1)	0,80 %
Margaric acid	(C 17:0)	< 0,05 %
Heptadecenoic acid	(C 17:1)	0,12 %
Stearic acid	(C 18:0)	3,81 %
Oleic acid	(C 18:1)	77,04 %
Linoleic acid	(C 18:2)	5,83 %
Linolenic acid	(C 18:3)	0,66 %
Octadecatetraen acid	(C 18:4)	< 0,05 %
Arachidic acid	(C 20:0)	0,46 %
Eicosenoic acid	(C 20:1)	0,24 %
Eicosanedienoic acid	(C 20:2)	0,16 %
Eicosanetraenoic acid	(C 20:4)	< 0,05 %
Behenic acid	(C 22:0)	< 0,05 %
Erucic acid	(C 22:1)	< 0,05 %
Lignoceric acid	(C 24:0)	< 0,05 %
Nervonic acid	(C 24:1)	< 0,05 %
Other		0,46 %

According to all relevant requirements in terms of unwanted substances in food, like residues of pesticides and other contaminants, compliance is given by an appropriate and risk-based monitoring plan. This plan is regular monitored and adjusted, if necessary.

Solvent residues: The pharmaceutical auxiliary material fulfills the requirements made of solvent residues in the European Pharmacopoeia (CPMP/ICH/283/95) and the USP (467 Residual solvents). Notwithstanding, the food law requirements are fulfilled.

This product in question is not affected by the GMO problem. Therefore this product does not need to be labelled regarding any genetic modification as per the GMO regulations 1829/2003 and 1830/2003.

TSE/BSE risk: This raw material is of pure vegetable origin; during its production, storage and transport it has no contact with animal materials so that any contamination can be ruled out.

It is therefore not affected by the regulations with regard to the guidelines stated in chapter 5.2.8 of the European Pharmacopoeia.

Production date: April 2017

Shelf life: 24 months minimum in cool conditions protected from light in unopened container

Milano, 19 April 2017

Computer edited certificate-valid without signature