



PHYTOS

Phytos Natur CZ. s.r.o.

TECHNICAL DATA SCHEET (TDS)

Product Name	POMERANČOVÝ KVĚT ABSOLUE
Botanical Name	Citrus aurantium var. amara
CAS #	68916-04-1 / 72968-50-4
ENCIES #	- / 277-143-2
FEMA #	2818
INCI Name	Citrus Aurantium Amara Flower Extract

Part Used	Flowers
Quality	100 % Pure and Natural
Note Classification	Middle Note

PROPERTIES	SPECIFICATIONS
Appearance	Orange-red liquid
Odor	Flowery, fruity, herbaceous aroma
Refractive Index	1.475 – 1.495 @ 20 °C
Specific Gravity (g/mL)	0.905 – 0.930 @ 20 °C
Flash point	63 °C
Optical Rotation	-1.2° to +1.62°
Solubility	Soluble in alcohols and fixed oils; Insoluble in water

MICROBIAL ANALYSIS	SPECIFICATIONS	STANDARDS
Aerobic Mesophilic Bacterial Count	< 100 CFU/g	ISO 21149
Yeast and Mold	< 10 CFU/g	ISO 16212
Candida albicans	ABSENT / 1g	ISO 18416
Escherichia coli	ABSENT / 1g	ISO 21150
Pseudomonas aeruginosa	ABSENT / 1g	ISO 22717
Staphylococcus aureus	ABSENT / 1g	ISO 22718

HEAVY METAL TESTS	SPECIFICATIONS	STANDARDS
Lead: Pb (mg/kg or ppm)	< 10 ppm	na
Arsenic: As (mg/kg or ppm)	< 2 ppm	na
Mercury: Hg (mg/kg or ppm)	< 1 ppm	na

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 36 months, quality should be checked before use.

As it is electronically generated document, hence no signature required.