



**TECHNICAL DATA SHEET**

**Orange Flower water**

**Botanical Name:** Citrus aurantium L. ssp. amara var. pumilia

**Process of obtaining:** Water coming from the distillation of the orange flower

1) Treatment applied to water: filtration on sand filter, then filter cartridge 0.4 microns, continuous treatment with UV lamps, adjustment of chlorine content

2) Treatment applied to the finished product (orange blossom water): Filtration on 0.2 micron filter paper.

**Treated part:** Freshly picked flowers

**Origin:** Tunisia

**Harvest period:** March - April

**Quality:** 100% pure and natural

**Date of distillation:** March - April

**Registration numbers:**

- CAS Nr .: 72968-50-4

- EINECS number: 277-143-2

**Organoleptic properties:**

- Appearance: Clear liquid

- Color: colorless

- Odor : characteristic of orange blossoms

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**Physico-chemical analyzes:**

- Density 25 ° C: 0.996
- Essential oil content (HE) 449 mg + / L

**Main constituents :**

( Extractable HE analysis)

COMPOUND	%
Linalyl propionate	28,98
Linalol	20 .22
Alpha Terpineol	18,81
Methylanthranilate	9.41
Linalol oxide	3,32
Nerol	1,75
Benzyl nitrile	1,48

**Microbiological analysis :**

Parameters searched	Results	Method
Total coliforms at 33°C/gr	< 10	NF V08.050/99
Fecal coliforms at 44°C/gr	< 10	NF V08.06/96
STAPHYLOCOCCUS AUREUX /gr	< 100	XP V08.057.1/194
SALMONELLA ( 25 GR)	0	NF V08.052/97
Anérobic Sulfito réducteurs à 46°/gr	< 10	NF V08.061/96
Aerobic Microorganisms at 30°C/gr	< 100	NF V08.0 51/99
Yeasts /molds at 25°/gr	< 10	NF ISO 7954/88