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## CERTIFICATE OF ANALYSIS

### PRODUCT

Trade Name : NEROLI OIL  
Product No. : 0000 2105  
Product status : NATURAL  
Synonym : OLEUM NEROLI  
Synonym : OLEUM AURANTII AMARI FLORIS  
Pharmacopoeia :  
Lot No : 2016239156

### 1.00 Characteristics

1.01 Color : Yellowish  
1.02 Odour : Characteristic  
1.03 Taste :  
1.04 Consistency : Clear, liquid

### 2.00 Purity

2.01 Solubility in Alcohol %vol :  
2.02 Solubility in Alcohol %vol : L96: 1:10 v/v clearly soluble  
2.03 Miscible with : Alcohol, Ether, Fatty Oils  
2.04 Relative density 20°C : 0,875 -0, 920  
2.05 Refractive index : 1,475-1,485  
2.06 Optical rotation : 1,4  
2.07 Acid value : max. 1  
2.08 Ph value :  
2.09 Alkaline and acid impurities :  
2.10 Ester value :  
2.11 % Esters :  
2.12 Saponification value :  
2.13 Different esters :  
2.14 Ophers 1 :  
2.15 Ophers 2 :  
2.16 Ophers 3 :  
2.17 Resinifined Esssential oils : Typical  
2.18 Solidification point :  
2.19 Best before ex date of delivery : 18 months  
2.21 Date of manufacture : 15.01.2016  
2.22 Retestdate : 15.07.2017  
2.23 Storage : Avoid of light, air and heat

### 3.00 Identity

3.01 CAS No : 168916-04-1  
3.02 Botanical name : Citrus aurantium amara  
3.03 INCI name : Citrus aurantium amara Oil  
3.04 EINECS no. : 277-143-2  
3.05 Origin : Tunisia  
3.06 Chromatographic profile :  
3.07 Identity : Typical

Lauffen, den 20.01.2016

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