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## Certificate of Analysis

Product: Petitgrain Oil  
Botanical name: *Citrus reticulata*  
INCI name: Citrus Reticulata Leaf Oil  
Lot: 114/2018  
Origin: Egypt  
MF date: 19 February 2018  
Expiration date: 19 February 2021

Parameters	Specification	Results
Colour	Pale yellow	Pale yellow
Odour	Fresh,floral citrus, bitter Herbaceous	Complies
Specific gravity / (g/cm <sup>3</sup> )@20°C	0.940-0.996	0.989
Refractive index @20°C	1.498 – 1.547	1.531
Optical rotation (°)	+4 - +13.5	Complies
Solubility	1 +4 in 80% alcohol	n/a
<b>Main Constituents (%) (GC)</b>		
Dimethyl Anthranilite	-	51.00
Gama Terpinene	-	25.00
Limonene	-	8.75