



3-2700 St. Clair Avenue West  
 Toronto, ON M6N 2M1  
 Phone: 416-766-1254  
 Fax: 647-930-9525  
 Email: [contactus@plantpower.ca](mailto:contactus@plantpower.ca)

### Certificate of Analysis

Product: Helichrysum  
 Botanical name: *Helichrysum italicum L.*  
 Batch number: 1405/18  
 Country of Origin: Bosnia and Herzegovina  
 Re-test date: 08-AUG-2021

Parameters	Specification	Results
State	Liquid	Conform
Colour	Red-clear to pale-gold	Conform
Odour	Characteristic herbaceous-like aroma	Conform
Specific Gravity / (g/cm <sup>3</sup> ) @ 20°C	0.880 – 0.920	0.910
Refractive Index @ 20°C	1.470 – 1.490	Conform
Flash Point	-	48°C
Optical Rotation	+4° to -14°	Conform
<b>Constituents (%)</b>		
α – pinene	-	22.5275
Limonene	-	2.9555
Neryl Acetate	-	5.9509
Copaene	-	3.5
Italicene	-	3.8967
Caryophyllene	-	4.4

<b>Parameters</b>	<b>Specification</b>	<b>Results</b>
$\gamma$ - Curcumene	-	16.3762
$\alpha$ - Curcumene	-	3.0119
$\beta$ - Selinene	-	4.1401
$\alpha$ - Selinene	-	8.6982

**Storage:** Store in well-filled, tightly sealed containers, in a cool dry place, away from direct sunlight.

This document is a computer generated certificate of analysis and does not require a signature.