

CERTIFICATE OF ANALYSIS

Organic Essential Oil of Cardamom from Guatemala
100% pure and natural

Botanical name : *Elettaria cardamomum (L.) Maton*
 Commercial name : Cardamom
 Batch number : **1801387**
 Geographical origin : Guatemala
 Date de production : May 2019

Physical and chemical data :

	Standards	Results of analysis
Appearance	fluid liquid	Conform
Colour	colorless to pale yellow	Conform
Odour	characteristic, strong, spicy	Conform
Specific gravity at 20°C	0.915 to 0.940	0.920
Refractive index at 20°C	1.460 to 1.470	1.4621
Optical rotation at 20°C	+20° to +45°	+ 27.80°
Flash point	+50°C à +59°C	

Table of components :

Components	Contents
Sabinene	3.41%
β-myrcene	1.25%
Cineole-1.8 : eucalyptol	39.21%
γ-terpinene	0.53%
Linalol	2.26%
Acetate linalyle	6.12%
Acetate terpinyle	43.67%
TOTAL	96.45%