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Certificate of Analysis

COMMON NAME Cedarwood, Himalayan
LATIN NAME *Cedrus deodora*
COUNTRY OF ORIGIN Himalayan Mountains, India
CULTIVATION METHOD Wild Grown
EXTRACTION METHOD Steam Distilled
PLANT PART Wood
USE Aromatherapy, Natural Perfumery
Batch 20193
MANUFACTURING DATE Nov 2018
BEST BY DATE Nov 2020

SPECIFICATIONS (Range)

SPECIFIC GRAVITY @25°C 0.92 – 0.97 0.94
REFRACTIVE INDEX @20°C 1.495 – 1.525 1.514
OPTICAL ROTATION @20°C +35° to +85° +56.8°
PHYSICAL APPEARANCE Transparent, slightly viscous liquid *Conforms*
COLOR Light Yellow *Conforms*
ODOR Dry, woody, warm, balsamic *Conforms*

SOLUBILITY Soluble in alcohol and fixed oils

PRIMARY CONSTITUENTS Beta-Himachalene, Alpha-Himachalene, Gamma-Himachalene

COMPONENTS

Range %	%	Components	Range %	%
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	Range %	%		Range %	%
ALPHA HIMACHALENE	12-17	14.12	E-GAMMA-ATLANTONE	2-5	4.6
GAMMA-HIMACHALENE	8-12	8.94	ALPHA-ATLANTONE	2-5	2.35
BETA-HIMACHALENE	35-40	35.52	E-ALPHA-ATLANTONE	5-10	9.21
Z-GAMMA-ATLANTONE	2-5	3.94			

Retest Date June 2021