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CERTIFICATE OF ANALYSIS (COA)

Product Name	**CATNIP ESSENTIAL OIL**
Botanical Name	Nepeta cataria
Product Code	4210
CAS #	8023-84-5 ; 84929-35-1
EINECS #	284-520-5
INCI Name	Nepeta Cataria (Catnip) Oil

Batch #	10342312
Manufacturing Date	DECEMBER 2023
Best Before Date	NOVEMBER 2026

Part Used	Aerial Parts
Extraction Method	Steam Distilled Essential Oil
Quality	100% Pure and Natural
Note Classification	Middle Note

PROPERTIES	SPECIFICATIONS	RESULTS
Appearance	Pale yellow to orange yellow colored liquid	CONFORMS
Odour	Sweet, herbaceous, mildly minty-floral odour	CONFORMS
Refractive Index	1.431 - 1.487 @ 20°C	1.455
Specific Gravity (g/mL)	0.880 - 0.918 @ 20°C	0.902
Optical Rotation (	-15° to +15°	CONFORMS
Solubility	Soluble in alcohols and fixed oils; Insoluble in water	CONFORMS

Comments	Odour quality is excellent

MICROBIAL ANALYSIS	SPECIFICATIONS	STANDARDS	RESULTS
Aerobic Mesophilic Bacterial Count	< 100 CFU/g	ISO 21149	CONFORMS
Yeast and Mould	< 10 CFU/g	ISO 16212	CONFORMS
Candida albicans	ABSENT / 1g	ISO 18416	CONFORMS
Escherichia coli	ABSENT / 1g	ISO 21150	CONFORMS
Pseudomonas aeruginosa	ABSENT / 1g	ISO 22717	CONFORMS
Staphylococcus aureus	ABSENT / 1g	ISO 22718	CONFORMS

HEAVY METAL TESTS	SPECIFICATIONS	STANDARDS	RESULTS
Lead: Pb (mg/kg or ppm)	< 10 ppm	na	CONFORMS
Arsenic: As (mg/kg or ppm)	< 2 ppm	na	CONFORMS
Mercury: Hg (mg/kg or ppm)	< 1 ppm	na	CONFORMS