



CERTIFICATE of ANALYSIS (COA)

COMMON NAME	Almond, Bitter
LATIN NAME	<i>Prunus armeniaca</i> L.
COUNTRY OF ORIGIN	Morocco
CULTIVATION METHOD	Conventional
TYPE	Essential Oil
EXTRACTION METHOD	Hydrodistilled, FFPA (Free From Prussic Acid).
PLANT PART	Nut/Kernel
USE	Natural Perfumery

SKU	59
LOT #	18
MANUFACTURING DATE	April 2024
BEST BY DATE	April 2027

	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20°C	1.030 – 1.055	1.046
REFRACTIVE INDEX @20°C	1.530 – 1.555	1.543
OPTICAL ROTATION @20°C	-2 to +2°	na

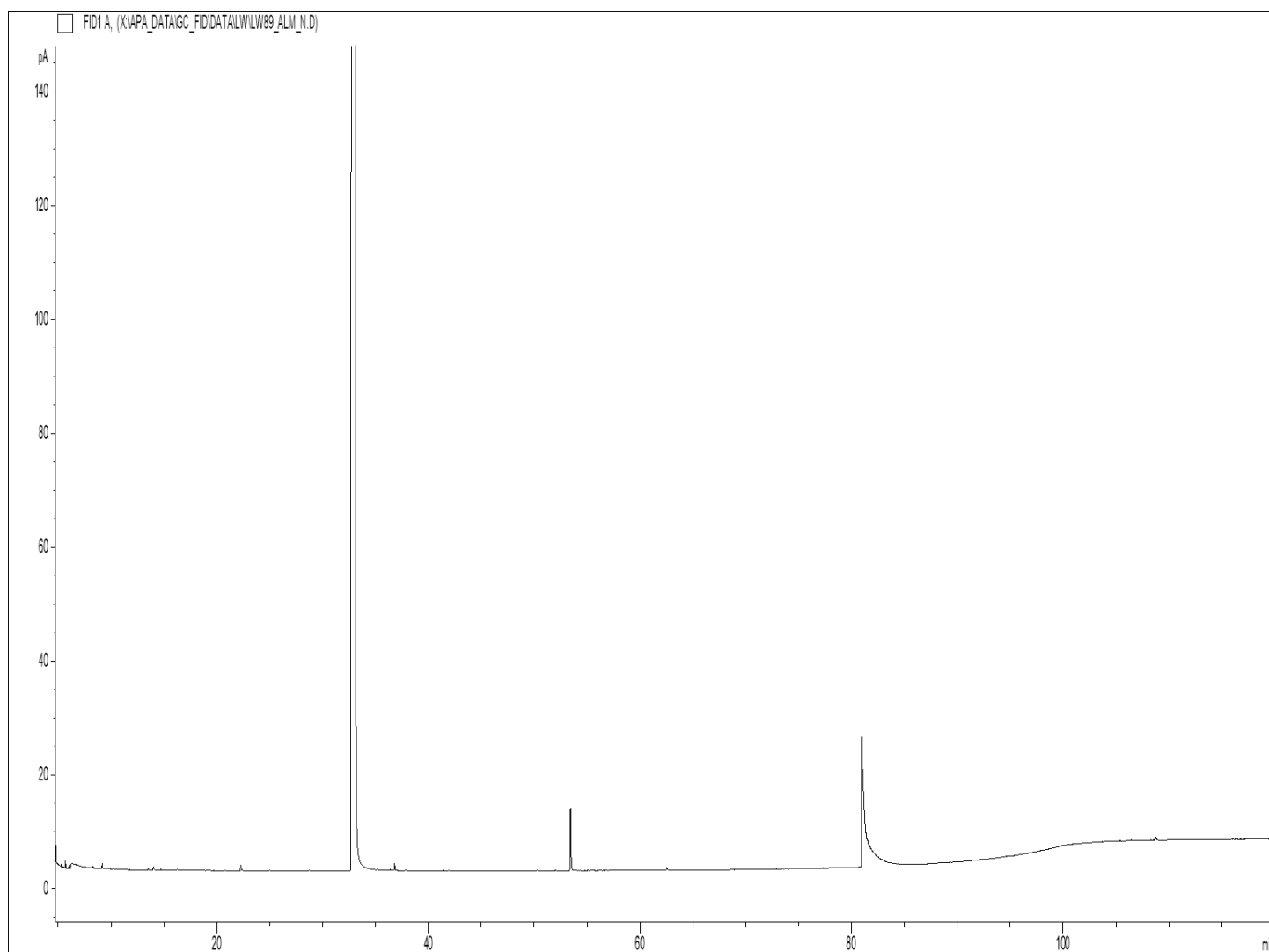
PHYSICAL APPEARANCE	Transparent liquid	Conforms
COLOR	Colorless to pale yellow	Conforms
ODOR	Sweet, nutty, intense marzipan aroma.	Conforms
SOLUBILITY	Soluble in alcohol and fixed oils	
SPECIAL USE INSTRUCTIONS	Dilute before use. Refrigerate to preserve freshness.	

PRIMARY CONSTITUENTS	Benzaldehyde
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COMMENTS	Odor quality is excellent
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THIRD PARTY LAB ANALYSIS (GCMS)

CHROMATOGRAPHIC PROFILE :



- ALMOND, BITTER EO - SKU 59 LOT 18 -

Peaks	RT (min)	Compound name	%	Standard (%)	Allergens (%)
1	9.15	HEXANAL	0.02		
2	14.00	1-BUTANOL, 3-METHYL-	0.01		
3	22.28	1-HEXANOL	0.02		
4	33.10	BENZALDEHYDE	97.36		97.36
5	36.80	AROMATIC COMPOUND	0.02		
6	53.44	BENZYL ALCOHOL	0.23		0.23
7	62.54	CINNAMALDEHYDE ISOMER	0.01		
8	80.97	BENZOIC ACID	2.31		
9	108.74	AROMATIC COMPOUND	0.02		
		TOTAL	99.99		97.58

This Essential Oil is a 100% pure and natural product. It does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge. The analysis and statements herein constitute the most complete information available to Eden Botanicals. This product is guaranteed by Eden Botanicals to be of excellent quality.

Eden Botanicals

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