CERTIFICATE of ANALYSIS (COA)

COMMON NAME	Almond, Bitter
LATIN NAME	*Prunus armeniaca* 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 #	24
MANUFACTURING DATE	May 2025
BEST BY DATE	May 2028

	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*

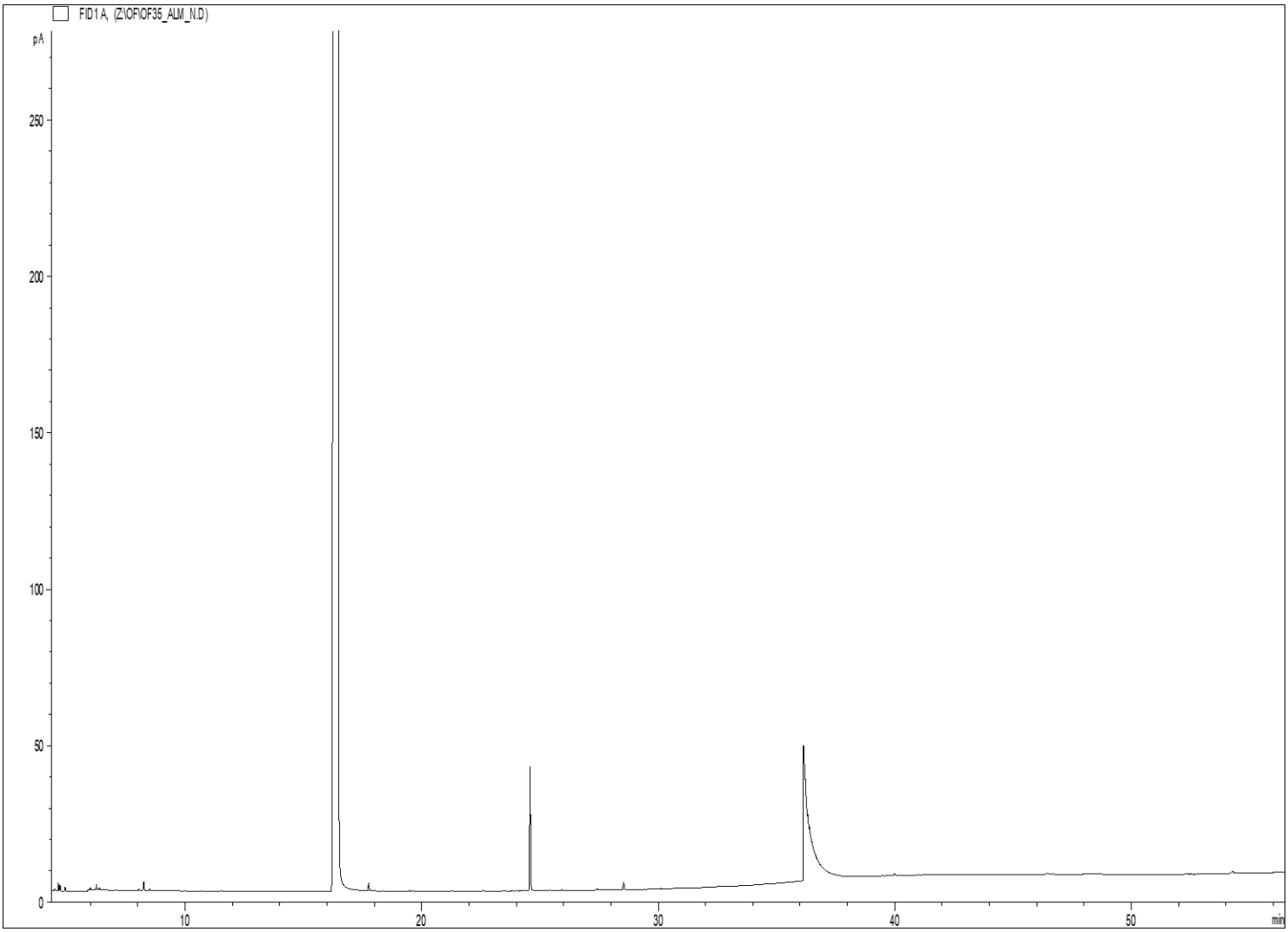
PHYSICAL APPEARANCE	Transparent liquid	*Conforms*
COLOR	Colorless to pale yellow	*Conforms*
ODOR	Sweet, nutty, intense marzipan aroma.	*Conforms*
SOLUBILITY	Soluble in alcohol and fixed oils	
SPECIAL USE INSTRUCTIONS	Dilute before use. Refrigerate to preserve freshness.	

PRIMARY CONSTITUENTS	Benzaldehyde

COMMENTS	Odor quality is excellent

GCMS ANALYSIS

CHROMATOGRAPHIC PROFILE:



59 Almond Bitter

- ALMOND BITTER EO - REF. 59 LOT 24 -					
Peaks	**RT (min)**	**Compound name**	**%**	**Standard (%)**	**Allergens (%)**
1	4.64	ISOPROPANOL	0.01		
2	4.71	ISOVALERALDEHYDE	0.01		
3	8.25	ISOAMYLIC ALCOHOL	0.02		
4	16.47	**BENZALDEHYDE**	**97.29**		97.29
5	17.76	AROMATIC COMPOUND	0.02		
6	24.58	BENZYL ALCOHOL	0.30		0.30
7	28.54	CINNAMALDEHYDE	0.02		
8	36.15	BENZOIC ACID	2.31		
		TOTAL	**99.99**		**97.59**

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.

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