HOUSE OF ABSOLUTES KA
FLORAL ABSOLUTES & ARTISANAL ATTARS · KANNAUJ, INDIA

House of Absolutes KA
Kannauj, Uttar Pradesh, India
www.houseofabsoluteska.com
order@houseofabsoluteska.com

CERTIFICATE OF ANALYSIS

PINK LOTUS ABSOLUTE

Product Name	Pink Lotus Absolute	**Batch / Lot No.**	LOT-07-2026-01
Botanical Name	*Nelumbo nucifera var. rosea*	**Mfg. Date**	24 Jun 2026
CAS No.	Not assigned (botanical extract)	**Best Before**	23 Jun 2031
Plant Part	Flowers	**Country of Origin**	India (West Bengal / Tamil Nadu)
Extraction	Solvent extraction (concrete → absolute)	**Report No.**	KAE/COA/PINK_LOTUS/01
Report Date	30 June 2026	**Analytical Method**	GC-MS / GC-FID

CONFORMS. This batch has been examined and complies with House of Absolutes KA specification for Pink Lotus Absolute (*Nelumbo nucifera var. rosea*).

1. ORGANOLEPTIC CHARACTERISTICS

Characteristic	Specification	Result
Appearance	Viscous liquid / soft mass	Complies
Colour	Characteristic of the material	Olive-green to brownish
Odour	Rosy-aquatic, powdery and honeyed with serene watery-floral lift	Conforms to standard

2. PHYSICOCHEMICAL PROPERTIES

Parameter	Specification	Result	Method
Relative density @ 20°C	0.890 – 0.920	0.905	ISO 279
Refractive index @ 20°C	1.470 – 1.486	1.478	ISO 280
Optical rotation @ 20°C	−2°00′ to +2°00′	+1°00′	ISO 592
Solubility (@ 20°C)	Soluble in 95% ethanol (slight waxy turbidity permissible)	Complies	ISO 875
Acid value	NMT 18.0	14.0	ISO 1242
Flash point	> 100 °C	112 °C	Abel c.c.
Residual solvent (Hexane)	≤ 10 ppm	**< 5 ppm**	GC-HS
Heavy metals (as Pb)	≤ 10 ppm	Complies	ICP-MS

3. KEY COMPOSITION (GC-FID)

Constituent	Typical %
Palmitic Acid	21.40
1,4-Dimethoxybenzene	14.60
Pentadecane	9.80
Heptadecane	8.40
Linoleic Acid	6.70

Full profile: see accompanying **GC-MS report**.

4. DECLARATIONS

- **100% natural** and pure; no synthetic additives, diluents or carriers.
- Complies with current **IFRA** standards for declared applications.
- **Non-GMO**; not tested on animals; free from added colourants.
- Free from detectable adulteration by GC-MS screening.
- **Storage:** keep tightly closed, cool, dark, protected from air.
- **Shelf life:** 60 months from manufacture under recommended storage.

Nidhi Sharma

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Quality Control Analyst

(Company Seal & Stamp)

Arun Mishra

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Export Manager