



CERTIFICATE OF ANALYSIS (COA)

Product Information

Parameter	Specification
Product Name	Tonka Beans Resinoid
Botanical Name	<i>Dipteryx odorata</i> (Aubl.) Willd.
INCI Name	Dipteryx Odorata Bean Extract
CAS Number	8046-22-8
EC Number	289-793-4
Origin	Brazil
Plant Part	Dried Beans / Seeds
Extraction Method	Solvent Extraction
Grade	Premium Perfumery Grade
Product Type	Natural Resinoid

ANALYTICAL SPECIFICATION

Test	Specification	Result
Appearance	Brown semi-crystallised viscous mass	Conforms
Colour	Brown to Dark Brown	Conforms
Odour	Warm, sweet, coumarinic, tobacco, hay, honey, vanilla	Conforms
Relative Density (20 °C)	1.000–1.080	Conforms
Refractive Index (20 °C)	1.500–1.560	Conforms
Coumarin Content	Typically high / naturally present	Conforms
Flash Point	>100 °C	Conforms
Solubility	Soluble in ethanol	Conforms
Purity	100% Natural Resinoid	Conforms

Typical Naturally Occurring Constituents

Constituent	Status
Coumarin	Major Constituent
Fatty Acids	Present
Benzoic Acid Derivatives	Present
Vanillin	Trace May be Present
Cinnamic Acid Derivatives	Trace May be Present
Aromatic Resins	Present



Storage

Store tightly closed in a cool, dry place away from heat, light and oxidising agents.

Shelf Life

36 months from the date of manufacture when stored under recommended conditions.

Conclusion

This material conforms to Aromology's quality specifications for Tonka Beans Resinoid – Brazil and is suitable for professional perfumery applications.

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