



CERTIFICATE OF ANALYSIS (COA)

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Fraistone

PRODUCT INFORMATION

Product Name: Fraistone
Manufacturer: IFF
CAS Number: 6290-17-1
EC Number: 228-536-2
Product Type: Aroma Chemical / Perfumery Raw Material
Olfactive Family: Fruity
Intended Use: Fine Fragrance and Perfumery Applications

QUALITY SPECIFICATIONS

Test / Parameter	Specification	Result
Appearance	Clear Liquid	Conforms
Colour	Colourless to Pale Yellow	Conforms
Odour	Conforms to Standard	Conforms
Olfactive Character	Fruity, Tart Green Apple	Conforms
Physical State	Liquid	Conforms
Solubility in Water	Insoluble	Conforms
Solubility in Ethanol	Soluble	Conforms
Identification	Conforms to Reference Standard	Conforms

The available Fraistone SDS confirms that the material is a liquid, its colour and odour conform to standard, it is insoluble in water and soluble in ethanol. It also identifies the material under CAS 6290-17-1 and EC 228-536-2.

SUPPORTING PHYSICAL PROPERTIES



Property	Typical / Safety Data
CAS Number	6290-17-1
EC Number	228-536-2
Boiling Point	110 °C at 27 hPa
Flash Point	91 °C
Density @ 20 °C	1.04–1.05 g/mL
Relative Density @ 20 °C	1.04–1.05
Dynamic Viscosity	<30 mPas
Water Solubility	Insoluble
Ethanol Solubility	Soluble

Note: The values in this section are supporting physical-property data from the available SDS and should not be interpreted as batch-specific COA acceptance specifications.

OLFACTIVE EVALUATION

TART GREEN APPLE • FRESH • FRUITY • STRAWBERRY • PLUM • ANISIC

Fraistone has a lively fresh apple character with a crisp, mouth-watering tart green apple impression. This develops into a juicy strawberry-like fruitiness, with deeper plum nuances providing richness and body.

A characteristic anisic undertone gives the material an aromatic twist and differentiates it from conventional fruity esters.

The overall profile is:

Fresh • Tart • Sparkling • Juicy • Multidimensional

rather than simply sweet.

IFRA STATUS

IFRA Amendment: 51st Amendment

IFRA Status: NOT RESTRICTED

The product-specific IFRA certificate supplied for Fraistone confirms compliance with the IFRA Standards through the 51st Amendment.

It reports Categories 1 through 12 as Not Restricted.

The certificate further states that the product contains no substances restricted by IFRA Standards and bears no IFRA specification.



QUALITY CONCLUSION

OVERALL RESULT: CONFORMS

Based on the available product identification, physical characteristics and organoleptic evaluation, the material conforms to the stated general quality characteristics for:

FRAISTONE – IFF

and is suitable for use as a perfumery raw material subject to the intended formulation and applicable regulatory requirements.

STORAGE CONDITIONS

Store in a:

Cool • Dry • Well-Ventilated Area

Keep the container tightly closed and preferably full.

Protect from:

Heat • Direct Light • Sparks • Open Flames • Other Sources of Ignition

Keep away from strong acids, strong bases and oxidising agents.

DISCLAIMER

This Certificate of Analysis is provided for product identification and quality-control purposes. Where batch-specific analytical results are required, the applicable batch/lot certificate should be used.

The purchaser remains responsible for determining the suitability of the material for its intended application and ensuring that the finished formulation complies with applicable regulatory requirements.

Authorised by:

Fozia Khot

Directo