



AROMOLOGY

TECHNICAL DATA SHEET (TDS)

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PRODUCT IDENTIFICATION

Parameter	Details
Product Name	Natural Pyrazines 10
Product Code / SKU	314910
Product Type	Natural flavour & fragrance ingredient
Composition	Blend of naturally derived pyrazine compounds
FEMA Numbers	3149, 3919, 3154, 3244, 4434, 3150, 3272, 3273, 3155, 3336, 3916, 3915
HS / EEC Customs Tariff No.	29339980
Legal Status (EU)	Flavouring preparation - Regulation (EC) No. 1334/2008
Intended Use	Flavour & fragrance applications (professional use)

ORGANOLAPTIC PROPERTIES

Parameter	Description
Physical State	Liquid
Appearance	Colourless to pale brown liquid
Aroma Profile	Nutty, earthy, roasted nuts, cocoa, coffee, chocolate

SPECIFICATIONS

Test	Specification
Purity (GC)	≥ 95 % (Total pyrazine content)
Specific Gravity (20°C / 20°C)	0.965 - 0.970
Refractive Index (20°C)	1.497 - 1.500

COMPOSITION (TYPICAL RANGE)

Component	Range (%)
2-Ethyl-3,6-dimethylpyrazine	21 - 25 %
2-Ethyl-6-methylpyrazine	20 - 24 %
2-Ethyl-5-methylpyrazine	14 - 17 %
2-Ethyl-5,6-dimethylpyrazine	9 - 12 %
2-Ethyl-3,5-dimethylpyrazine	6 - 9 %
2,3,5-Trimethylpyrazine	5 - 8 %
2,5(6)-Dimethylpyrazine	4 - 7 %
2-Ethyl-3-methylpyrazine	2 - 5 %
Other substituted pyrazines	0 - 2 % each

APPLICATION INFORMATION

Parameter	Details
Typical Uses	Coffee, cocoa, roasted, nutty, gourmand and tobacco accords
Use Type	Flavour & fragrance compounding
Handling Advice	Use at very low dosage. Highly potent material. Dilute before use



A R O M O L O G Y

STORAGE & STABILITY

Parameter Details

Storage Conditions Store in full, tightly closed containers under cool and dark conditions

Shelf Life 24 months under recommended storage conditions

DECLARATION

The information contained in this Technical Data Sheet is based on data believed to be reliable and is provided in good faith. It does not constitute a guarantee of product performance. Users are responsible for determining suitability for their intended application.

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◆ Pro Tip for Aromology Positioning

This is a high-impact perfumery material. If you want to strengthen your technical credibility, I recommend adding:

- IFRA category guidance (especially for fine fragrance)
- Suggested dilution levels (e.g., 0.1% solution usage)
- Perfumery classification (roasted / Maillard effect material)

Just tell me if you want a perfumery-focused TDS upgrade or the matching COA / IFRA / SDS.