Myrazine
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SPECIFICATION SHEET

Product Name	**2-Ethyl-3,6-dimethylpyrazine (Min. 95%), EU Natural / Kosher**	Product Code	**M3149**
CAS Number	13360-65-1 / 27043-05-6	FEMA Number	3149
Molecular Formula	$C_8H_{12}N_2$	Molecular Weight	136.19 g/mol

Synonym: 3-ethyl-2,5-dimethylpyrazine (CAS 13360-65-1). FEMA 3149 is listed under CAS 27043-05-6 as 2-ethyl-3,5(6)-dimethylpyrazine; FLAVIS 14.100.

Specifications

Parameter	Specification	Method
Appearance	Colorless to pale yellow clear liquid	Visual
Odor (Organoleptic)	Roasted, nutty	Organoleptic
Assay	≥ 95.0% (sum of isomers)	GC
Refractive Index (n20/D)	1.4950 – 1.5050 @ 20 °C	Refractometer
Specific Gravity	0.950 – 0.970 @ 25 °C	Densitometer
Boiling Point (reference)	180 – 181 °C @ 760 mm Hg	Literature
Flash Point (reference)	69 °C (156 °F), closed cup	Literature

Odor description: Roasted nut, cocoa, coffee, hazelnut, peanut, burnt.

Ingredient Source

The ingredient is a distillate from fermentation broth. The fermentation starting materials are sorghum, grains, sweet potato, wheat, and Tibet barley.

Process Methods

The process is a physical and continuous distillation and separation.

Regulatory Status

EU Natural flavoring substance per Regulation (EC) No 1334/2008, Article 22(2)(c). FEMA GRAS 3149. OU Kosher (Pareve).

Storage Conditions

Keep container tightly closed in a cool, dry and well-ventilated place, protected from light and heat. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Shelf Life

2 years from the date of manufacture if stored properly.