Givaudan

Certificate of Analysis

0025743
0025743
HERBANATE

Order Information

Customer Name	I E S INGREDIENTS MIDDLE EAST (FZC)
Customer Reference	IES-PO-00176
Givaudan Reference	G102463218/7598018/8507474516
Quantity	25.000 KG

Batch Information

Batch Number	SC00045418
Manufacturing date	19 Jan 2026
Best before	14 Jan 2028
Country of Origin	Spain

Product Information

Sensory Profile	Geranium-like, sweet
Color	colorless
Appearance	liquid
Handling	Protect against light.
Flashpoint	102 °C (216 °F)
Storage	Dry, well ventilated, preferably full, hermetically sealed
Temperature	Store Ambient 10-30°C (50-85°F)

Analysis Methods	Results	Specification Limits
Appearance Appearance-color against standard	Conform	Conform
Sensory evaluation Sensory Evaluation	Conform	Conform
Color (visual color)	Conform	Conform
Specific gravity (20/20°C) Specific Gravity Determination	0.9818	0.9790 - 0.9850
Specific gravity (20/4°C)	0.9798	0.9770 - 0.9830
Specific gravity (25/25°C)	0.9788	0.9760 - 0.9820
Refractive index (20°C) Refractive Index Determination	1.4658	1.4630 - 1.4690
Refractive index (25°C)	1.4638	1.4610 - 1.4670
Conform chromatogram ISO 7609 polar	Conform	Conform
iso : isomer a ISO 7609 polar	71.7	65.0 - 75.0 %
iso : isomer b ISO 7609 polar	27.8	25.0 - 35.0 %

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Issue date: 13 Mar 2026 - 09:59

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Analysis Methods	Results	Specification Limits
Sum of the isomers ISO 7609 polar	99.51	>= 96.00 %

Angelique Blakebrough
Quality Control Manager

The information contained herein is, to the best of our knowledge, true and accurate.
All information is valid until revisions are issued.
Version: Final / 5

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