Givaudan

Certificate of Analysis

1472023
1472023
AMBERMAX 50 %/DOWANOL TPM

Order Information

Customer Name	International Express Service
Customer Reference	PRD_IES0125010015
Givaudan Reference	101884902/7281323/8506203139
Quantity	180,000 KG

Batch Information

Batch Number	VE00957608
Manufacturing date	25 Jul 2026
Best before	20 Jul 2029
Country of Origin	Switzerland

Product Information

Sensory Profile	Ambery, woody, Warm
Color	colorless to Pale yellow
Appearance	Liquid, may crystallize
Handling	Protect against light.
Flashpoint	121 ℃ (250 ℉)
Storage	Dry, well ventilated, preferably full, hermetically sealed
Temperature	Store Ambient 10-30℃ (50-85℉)

Analysis Methods	Results	Specification Limits
Appearance	Conform	Conform
Sensory evaluation MA-0050	Conform	Conform
Color (visual color)	Conform	Conform
Specific gravity (20/20℃) MA-0251	0,9818	0,9760 - 0,9860
Specific gravity (20/4℃) MA-0251	0,9798	0,9740 - 0,9840
Specific gravity (25/25℃) MA-0251	0,9788	0,9730 - 0,9830
Refractive index (20℃) MA-0251	1,4701	1,4680 - 1,4740
Refractive index (25℃) MA-0251	1,4681	1,4660 - 1,4720
Conform chromatogram ISO 7609 polar	Conform	Conform
Isomer 3 ISO 7609 polar	38,1	25,0 - 45,0 %
Isomer 4 ISO 7609 polar	24,4	15,0 - 25,0 %

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Analysis Methods	Results	Specification Limits
Isomer 5 ISO 7609 polar	0,8	<= 5,0 %
Sum of the three isomers ISO 7609 polar	63,3	55,0 - 70,0 %

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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