

FIRMENICH ASIA PRIVATE LTD
 No. 10 Tuas West Road
 SINGAPORE 638377
 SINGAPORE
 Tel:+6563472888 Fax:+6568619783

Singapore, 10-Jul-23

Page 1/2

Product 967406 NORLIMBANOL® DEXTRO	Recipient FRATER PERFUMES LTD P. O. BOX 46009 PARK AVENUE 5044 LOWER HUTT NEW ZEALAND
---	---

Reference			
Batch:	1006832223	Country of Origin:	China
Production Date:	03-Mar-23	Best-Before-Date:	03-Sep-24
Order Number:	5941538 / 30	Delivery Number:	88945826
PO Number:	2306281646	Quantity Shipped:	5.000 KG

Remarks

Characteristic	Result	[Specification]	MU	Method
Appearance	CONFORMS TO	[LIQUID]	NA	CQ-012
Colour	CONFORMS TO	[COLOURLESS]	NA	CQ-001
Odour	CONFORMS TO	[FIRMENICH STANDARD]	NA	CQ-022
Specific Gravity (d20/20)	0.897	[0.896 - 0.900]	NA	CQ-010
Specific Gravity (d25/25)	0.894	[0.893 - 0.897]	NA	CQ-010
Refractive Index (nD/20)	1.471	[1.470 - 1.473]	NA	CQ-015
Refractive Index (nD/25)	1.469	[1.468 - 1.471]	NA	CQ-015
Opt. Rotation Alpha D/20	12.0	[8.0 - 15.0]	°	CQ-020
Acid Value	0.1	[0.0 - 1.0]	mgKOH/g	CQ-100
GLC Analysis	CONFORMS TO	[PASSES TEST]	NA	CQ-490
Purity by GLC	99.5	[98.0 - 100.0]	%	CQ-490
Sum of 3 isomers				

Li Ling Lee
 Senior Manager Quality Control
 li.ling.lee@firmenich.com

This computer generated Certificate of Analysis is valid without signature.

Additional Product Information

Flash Point : > 100 °C / > 212 °F
 Storage Condition : Dry area, unopened containers, optimum temp. 11-25 °C / 52-77 °F

DOC. Number: PRMLIQD000

FIRMENICH ASIA PRIVATE LTD
 No. 10 Tuas West Road
 SINGAPORE 638377
 SINGAPORE
 Tel:+6563472888 Fax:+6568619783

Singapore, 10-Jul-23

Page 2/2

Product 967406 NORLIMBANOL® DEXTRO	Recipient FRATER PERFUMES LTD P. O. BOX 46009 PARK AVENUE 5044 LOWER HUTT NEW ZEALAND
---	---

Reference			
Batch:	1006832223	Country of Origin:	China
Production Date:	03-Mar-23	Best-Before-Date:	03-Sep-24
Order Number:	5941538 / 30	Delivery Number:	88945826
PO Number:	2306281646	Quantity Shipped:	5.000 KG

This Certificate of Analysis does not relieve the purchaser from undertaking their own tests in order to assure the suitability of this product for its application and to comply with all relevant legal requirements for any goods into which this product is incorporated. The values and specifications are valid for the time of analysis.

DOC. Number: PRMLIQD000