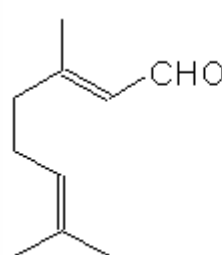
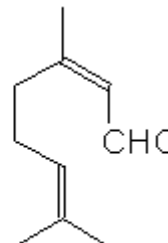


## SPECIFICATION SHEET

<b>VERSION</b>	5,00	<b>VERSION DATE</b>	19/09/22	<b>PRINT DATE</b>	19/05/24
<b>PRODUCT</b>	CITRAL NATURAL (EX-LITSEA)				
<b>APPLICATIONS</b>	Industrial raw material not intended for direct use.				
<b>IUPAC NAME</b>	3,7-DIMETHYL-2,6-OCTADIENAL				
<b>SYNONYMS</b>	3,7-DIMETHYL-2,6-OCTADIEN-1-AL				
<b>PLANT OF ORIGIN</b>	Litsea cubeba				
<b>PART OF THE PLANT</b>	FRUITS				
<b>FORMULA</b>	C <sub>10</sub> H <sub>16</sub> O				
<b>MOLECULAR WEIGHT</b>	152,00				
<b>CAS</b>	5392-40-5				
<b>EINECS</b>	226-394-6				
<b>FEMA</b>	2303				
<b>TARIFF NUMBER</b>	2912190090				
<b>FOOD GRADE CERTIFICATE</b>	AVAILABLE ON REQUEST				
<b>REACH REGISTRATION NO.</b>	On request. REACH and non-REACH material available for this product.				



GERANIAL



NERAL

## SPECIFICATIONS

<b>ASPECT AT 20°C</b>	CLEAR MOBILE LIQUID	
<b>COLOUR</b>	COLORLESS TO PALE YELLOW	
<b>ODOUR</b>	FRESH, LEMON PEEL	
<b>TASTE</b>	LEMON LIKE	
<b>DENSITY AT 20°C (g / ml)</b>	0,885	- 0,894
<b>DENSITY 25/25</b>	-	
<b>REFRACTIVE INDEX n<sub>D20</sub></b>	1,4850	- 1,4930
<b>REFRACTIVE INDEX n<sub>D25</sub></b>	-	
<b>OPTICAL ROTATION (°)</b>	/	
<b>BOILING POINT (°C)</b>	-	
<b>MELTING POINT (°C)</b>	< -20	
<b>FLASH POINT (°C)</b>	92,00	
<b>ASSAY (% GC)</b>	> 95	
<b>ACID VALUE (mg KOH/g)</b>	-	
<b>SOLUBILITY</b>	SPARINGLY SOLUBLE IN WATER: 0,42 g/L (25°C)	
<b>VAPOUR PRESSURE</b>	< 1 mm Hg (20°C)	
<b>OTHER SOLUBILITIES</b>	SOLUBLE IN ETHANOL	

**OTHER TECHNICAL DATA** NERAL 30-45%. GERANIAL 53-68%.

## STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 12 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.  
PURGE HEADSPACE WITH NITROGEN.

WE BELIEVE THE ABOVE INFORMATION TO BE CORRECT BUT WE DO NOT PRESENT IT AS ALL INCLUSIVE AND AS SUCH SHOULD BE USED AS A GUIDE.  
IT IS THE SOLE RESPONSIBILITY OF THE RECEIVER OF OUR PRODUCT TO COMPLY WITH EXISTING REGULATIONS AND INSTRUCTIONS.

THIS PRODUCT HAS NOT BEEN FILTERED DUE TO TECHNICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.