



SPECIFICATION SHEET

VERSION 1

VERSION DATE 20/12/07

PRODUCT	LINALOOL, NATURAL (EX HO WOOD)
IUPAC NAME	(R) –(-)-3,7-DIMETHYL-1,6-OCTADIEN-3-OL
SYNONYMS	SHIU, R-LINALOOL, L-LINALOOL
PLANT OF ORIGIN	Cinnamomum camphora L.
PART OF THE PLANT	WOOD AND LEAF
FORMULA	C ₁₀ H ₁₈ O
MOLECULAR WEIGHT	154
CAS	78-70-6
CAS 2	126-91-0
EINECS	201-134-4
EINECS 2	204 -811-2
FEMA	2635
CoE	61c
FDA	182.60
TARIFF NUMBER	2905220010
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST
REACH REGISTRATION NO.	01-2119474016-42

SPECIFICATIONS

ASPECT AT 20°C	MOBILE LIQUID
COLOUR	FROM COLORLESS TO PALE YELLOW
ODOUR	LIGHT, FRESH, FLORAL-WOODY
DENSITY 25/25	0,858– 0,863
FEFRACTIVE NDEX nD20	1,46 – 1,464
OPTICAL ROTATION °C	-40 / -10
BOILING POINT (°C)	198
MELTING POINT (°C)	-
FLASH POINT (°C)	75
ASSAY (%GC)	L+D-LINALOOL > 98%; D-LINALOOL < 6%
SOLUBILITY	1:4 v/v ETHANOL 60° - 1,45g/LIN WATER
VAPOUR PRESSURE	0,1 mbar (20 °C) 2 mbar (50 °C)
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL.

OTHER TEHNICAL DATA PEROXIDES < 20 mmol/l.



CHEMDONE
FROM IDEA TO PRODUCTION

STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 24 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.

