

SPECIFICATION SHEET

PRODUCT	CITRONELLA OIL
IUPAC NAME	CITRONELLA OIL
PLANT OF ORIGIN	CYMBOPOGON WINTERIANUS JOWITT
PART OF THE PLANT	FRESH OR PARTIALLY DRIED HERB
FORMULA	C ₁₀ H ₁₈ O
CAS	91771-61-8
EINECS	294-954-7

SPECIFICATIONS

ASPECT AT 20° C	CLEAR MOBILE LIQUID
COLOUR	PALE YELLOW TO BROWNISH
ODOUR	CITRONELLAL-LIKE, LEMON, GRASSY
TASTE	-
DENSITY @ 20° C (g / ml)	0.880-0.895
DENSITY 25/25	0.894-0.910
REFRACTIVE INDEX n _D 20	1.4650-1.4750
OPTICAL ROTATION (°)	-5.00/1.00
BOILING POINT (°C)	-
MELTING POINT (°C)	-
FLASH POINT (°C)	94.00
ASSAY (% GC)	TOTAL CONTENT (AS GERANIOL): 85% MIN; CITRONELLAL CONTENT: 35 % MIN
ACID VALUE (max KOH/g)	2.00
SOLUBILITY	1:2 IN ETHANOL 80°
VAPOUR PRESSURE	0.1500 mm/Hg @ 25.00 °C
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL
OTHER TECHNICAL DATA	

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.

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. LAKSHMI SYNTHESIS, INDIA SHALL NOT BE HELD FOR ANY DAMAGE OR INJURY RESULTING FROM CONTACT OR HANDLING WITH ABOVE.

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