



SPECIFICATION SHEET

PRODUCT	ALDEHYDE C-14 (GAMMA UNDECALACTONE)
IUPAC NAME	UNDECAN-4-OLIDE
SYNONYMS	PEACH ALDEHYDE, GAMMA-UNDECALACTONE, ALDEHYDE C-14
FORMULA	C ₁₁ H ₂₀ O ₂
MOLECULAR WEIGHT	184
CAS	104-67-6
EINECS	203-225-4

SPECIFICATIONS

ASPECT AT 20° C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	STRONG, SUGGESTIVE OF PEACH
TASTE	SWEET, SIMILAR TO PEACH
DENSITY @ 20° C (g / ml)	0.935-0.945
DENSITY 25/25	0.84000-0.84800
REFRACTIVE INDEX n _D 20	1.4450-1.4550
OPTICAL ROTATION (°)	-
BOILING POINT (°C)	279°C
MELTING POINT (°C)	-
FLASH POINT (°C)	160
ASSAY (% GC)	>98
ACID VALUE (max KOH/g)	< 2
SOLUBILITY	INSOLUBLE IN WATER
VAPOUR PRESSURE	0.0030 mm/Hg @ 25.00 °C
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL (1:5 IN ETHANOL 60°)

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.

M/S LAKSHMI SYNTHESIS

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