

SPECIFICATION SHEET

VERSION 2,00 **VERSION DATE** 10/04/22 **PRINT DATE** 17/05/24

PRODUCT ALDEHYDE C-14 (GAMMA-UNDECALACTONE) US NATURAL

APPLICATIONS Industrial raw material not intended for direct use.

IUPAC NAME UNDECAN-4-OLIDE

SYNONYMS PEACH ALDEHYDE, GAMMA-UNDECALACTONE

PLANT OF ORIGIN

PART OF THE PLANT

FORMULA C₁₁ H₂₀ O₂

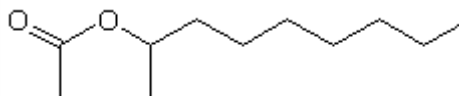
MOLECULAR WEIGHT 184,00

CAS 104-67-6

EINECS 203-225-4

FEMA 3091

TARIFF NUMBER 2932209090



FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST

REACH REGISTRATION NO. On request. REACH and non-REACH material available for this product.

SPECIFICATIONS

ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	STRONG, SUGGESTIVE OF PEACH
TASTE	SWEET, SIMILAR TO PEACH
DENSITY AT 20°C (g / ml)	0,941 - 0,946
DENSITY 25/25	-
REFRACTIVE INDEX n_D20	1,4500 - 1,4550
REFRACTIVE INDEX n_D25	-
OPTICAL ROTATION (°)	-2,00 / 2,00
BOILING POINT (°C)	164 - 166 (13 mm)
MELTING POINT (°C)	-
FLASH POINT (°C)	113,00
ASSAY (% GC)	> 98
ACID VALUE (mg KOH/g)	-
SOLUBILITY	INSOLUBLE IN WATER
VAPOUR PRESSURE	NOT DETERMINED
OTHER SOLUBILITIES	SOLUBLE 1:5 IN ETHANOL 60%

OTHER TECHNICAL DATA This quality is racemic.

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.

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.