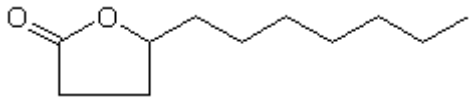
SPECIFICATION SHEET

VERSION	2,00	**VERSION DATE**	10/04/22	**PRINT DATE**	29/03/24

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 20ºC	CLEAR MOBILE LIQUID	
COLOUR	COLORLESS TO PALE YELLOW	
ODOUR	STRONG, SUGGESTIVE OF PEACH	
TASTE	SWEET, SIMILAR TO PEACH	
DENSITY AT 20ºC (g / ml)	0,941	- 0,946
DENSITY 25/25		-
REFRACTIVE INDEX nD20	1,4500	- 1,4550
REFRACTIVE INDEX nD25		-
OPTICAL ROTATION (º)	-2,00	/ 2,00
BOILING POINT (ºC)	164 - 166 (13 mm)	
MELTING POINT (ºC)	-	
FLASH POINT (ºC)	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.