

## SPECIFICATION SHEET

VERSION 7 VERSION DATE 19/10/23 PRINT DATE 30/04/25

PRODUCT	ALDEHYDE PHENYLACETIQUE PUR
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	PHENYLETHANAL
SYNONYMS	1-OXO-2-PHENYLETHANE, HYACINTHALDEHYDE, ALFA-TOLYLALDEHYDE, PHENYL ACETALDEHYDE
FORMULA	C <sub>8</sub> H <sub>8</sub> O
MOLECULAR WEIGHT	120
CAS	122-78-1
EINECS	204-574-5
FEMA	2874
CoE	116
FDA	172.515
TARIFF NUMBER	2912290090
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST

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ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	HYACINTH, SWEET, FLORAL, GREEN
TASTE	SWEET, FLORAL, NUTTY, FRUITY
DENSITY AT 20°C (g / ml)	1,025-1,040
DENSITY 25/25	1,023-1,040
REFRACTIVE INDEX n <sub>D</sub> 20	1,5250-1,5320
REFRACTIVE INDEX n <sub>D</sub> 25	-
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	193
MELTING POINT (°C)	-
FLASH POINT (°C)	83
ASSAY (% GC)	> 95
ACID VALUE (mg KOH/g)	< 5
SOLUBILITY	2,2 g/l IN WATER (25°C)
VAPOUR PRESSURE	NOT DETERMINED
OTHER SOLUBILITIES	APPROX. 50% IN ETHANOL 80% AND 17% IN ETHANOL.
OTHER TECHNICAL DATA	IT CAN POLYMERIZE. IT IS NECESSARY TO DO A SOLUBILITY TEST IN THE FRAGRANCE AND VERIFY QUALITY BEFORE USE.

## STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 9 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.  
IT CONTAINS 0,01% OF CITRIC ACID AS ACIDIFIER. KEEP REFRIGERATED 5-10°C AND WITH NITROGEN.

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.

### PRODASYNTH SAS

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