

## SPECIFICATION SHEET

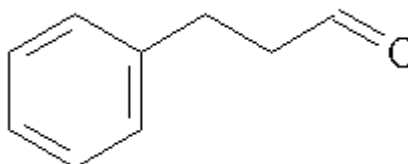
**VERSION** 4,00 **VERSION DATE** 19/09/22 **PRINT DATE** 18/05/24

**PRODUCT** PHENYL PROPYLIC ALDEHYDE  
**APPLICATIONS** Industrial raw material not intended for direct use.  
**IUPAC NAME** 3-PHENYLPROPANAL  
**SYNONYMS** 3-PHENYLPROPANAL, 3-PHENYLPROPYL ALDEHYDE,

**FORMULA** C<sub>9</sub> H<sub>10</sub> O  
**MOLECULAR WEIGHT** 134,20  
**CAS** 104-53-0

**EINECS** 203-211-8

**FEMA** 2887  
**TARIFF NUMBER** 2912290090



**REACH REGISTRATION NO.** Exempt from registration (imported/manufactured < 1 ton/year)

## SPECIFICATIONS

<b>ASPECT AT 20°C</b>	CLEAR MOBILE LIQUID
<b>COLOUR</b>	COLORLESS TO PALE YELLOW
<b>ODOUR</b>	BALSAMIC, GREEN, FLORAL, FRUITY
<b>TASTE</b>	
<b>DENSITY AT 20°C (g / ml)</b>	1,013 - 1,018
<b>DENSITY 25/25</b>	1,012 - 1,017
<b>REFRACTIVE INDEX n<sub>D</sub>20</b>	1,5200 - 1,5250
<b>REFRACTIVE INDEX n<sub>D</sub>25</b>	1,5180 - 1,5230
<b>OPTICAL ROTATION (°)</b>	-1,00 / 1,00
<b>BOILING POINT (°C)</b>	77°C (3 hPa)
<b>MELTING POINT (°C)</b>	-
<b>FLASH POINT (°C)</b>	79,00
<b>ASSAY (% GC)</b>	> 95
<b>ACID VALUE (mg KOH/g)</b>	< 5
<b>SOLUBILITY</b>	SOLUBILIDAD EN AGUA: 0,753 g/l
<b>VAPOUR PRESSURE</b>	0,04 hPa (20°C)
<b>OTHER SOLUBILITIES</b>	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 18 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.  
PURGE HEADSPACE WITH NITROGEN. IT CONTAINS 0,02% ALPHA-TOCOPHEROL AND 0,004% CITRIC ACID.

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.