

SPECIFICATION SHEET

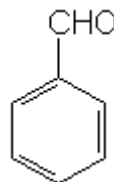
VERSION 4,00 **VERSION DATE** 18/10/21 **PRINT DATE** 09/12/24

PRODUCT BENZALDEHYDE
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME BENZALDEHYDE
SYNONYMS BENZALDEHYDE, BENZENECARBONAL, BENZENECARBOXALDEHYDE, PHENYLMETHANAL

FORMULA C7 H6 O
MOLECULAR WEIGHT 106,00
CAS 100-52-7

EINECS 202-860-4

FEMA 2127
TARIFF NUMBER 2912210000



FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST
REACH REGISTRATION NO. 01-2119455540-44

SPECIFICATIONS

ASPECT AT 20°C CLEAR MOBILE LIQUID
COLOUR COLORLESS
ODOUR ALMOND-LIKE
TASTE
DENSITY AT 20°C (g / ml) 1,043 - 1,046
DENSITY 25/25 1,040 - 1,047
REFRACTIVE INDEX nD20 1,5440 - 1,5460
REFRACTIVE INDEX nD25 -
OPTICAL ROTATION (°) /
BOILING POINT (°C) 179 (760 mm Hg); 112,5 (100 mm)
MELTING POINT (°C) -26
FLASH POINT (°C) 64,00
ASSAY (% GC) > 99
ACID VALUE (mg KOH/g) < 4,5
SOLUBILITY SOLUBILITY IN WATER: 0,6%
VAPOUR PRESSURE 0,75 mm Hg 20°C; 10 mm Hg 62°C
OTHER SOLUBILITIES 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 12 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.
PURGE HEADSPACE 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.