

SPECIFICATION SHEET

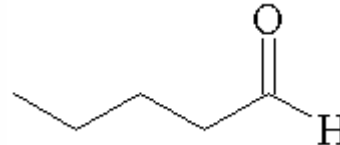
VERSION 7,00 **VERSION DATE** 19/09/22 **PRINT DATE** 03/07/24

PRODUCT VALERALDEHYDE BASF
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME PENTANAL
SYNONYMS AMYL ALDEHYDE

FORMULA C5 H10 O
MOLECULAR WEIGHT 86,10
CAS 110-62-3

EINECS 203-784-4

FEMA 3098
TARIFF NUMBER 2912190090



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
ODOUR PUNGENT (FRUITY IF DILUTED)
TASTE
DENSITY AT 20°C (g / ml) 0,808 - 0,814
DENSITY 25/25 0,805 - 0,810
REFRACTIVE INDEX nD20 1,3920 - 1,3950
REFRACTIVE INDEX nD25 -
OPTICAL ROTATION (°) /
BOILING POINT (°C) 99 - 104
MELTING POINT (°C) -91
FLASH POINT (°C) 6,50
ASSAY (% GC) > 98,5%; 2-METHYLBUTANAL < 0,4%; TRIBUTYLTRIOXANE < 0,5%
ACID VALUE (mg KOH/g) < 3
SOLUBILITY 13,5 g/l IN WATER
VAPOUR PRESSURE 36 mbar (20°C)
OTHER SOLUBILITIES SOLUBLE IN ETHANOL. SOLUBLE IN MANY ORGANIC SOLVENTS.

OTHER TECHNICAL DATA WATER < 0,1%. Pt/Co-Colour (Apha) < 10 (DIN EN ISO 6271).

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.
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.