

SPECIFICATION SHEET

VERSION 2 VERSION DATE 19/09/22 PRINT DATE 16/04/25

PRODUCT	ALDEHYDE BENZOIQUE NATUREL
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	BENZALDEHYDE
SYNONYMS	BENZALDEHYDE,BENZENECARBONAL,BENZENECARBOXALDEHYDE,PHENYLMETHANAL
PLANT OF ORIGIN	Cinnamomum cassia L.
PART OF THE PLANT	Bark and branch
FORMULA	C ₇ H ₆ O
MOLECULAR WEIGHT	106
CAS	100-52-7
EINECS	202-860-4
FEMA	2127
CoE	101
FDA	182.60
TARIFF NUMBER	2912210000
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST

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ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	ALMOND-LIKE
DENSITY AT 20°C (g / ml)	1,041-1,046
DENSITY 25/25	-
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
ASSAY (% GC)	> 98
ACID VALUE (mg KOH/g)	< 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

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.

PRODASYNTH SAS

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