

## SPECIFICATION SHEET

VERSION	4	VERSION DATE	19/09/22	PRINT DATE	21/01/26
PRODUCT	ALDEHYDE ISOVALERIQUE				
APPLICATIONS	Industrial raw material not intended for direct use.				
IUPAC NAME	3-METHYLBUTANAL				
SYNOMYS	ISOVALERALDEHYDE, 3-METHYLBUTYRALDEHYDE, ISOAMYL ALDEHYDE				
FORMULA	<chem>C5H10O</chem>				
MOLECULAR WEIGHT	86,13				
CAS	590-86-3				
EINECS	209-691-5				
FEMA	2692				
CoE	94				
FDA	172.515				
TARIFF NUMBER	2912190090				
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST				

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ASPECT AT 20°C	CLEAR MOBILE LIQUID		
COLOUR	COLORLESS/PALE YELLOW/PALE GREEN		
ODOUR	FATTY, PUNGENT. DILUTED:NUTTY,COCOA		
TASTE	FRUITY,DRY,GREEN,CHOCOLATE,NUT		
DENSITY AT 20°C (g / ml)	0,794-0,810		
DENSITY 25/25	-		
REFRACTIVE INDEX nD20	1,3870-1,4080		
REFRACTIVE INDEX nD25	-		
OPTICAL ROTATION (°)	/		
BOILING POINT (°C)	90 - 93		
MELTING POINT (°C)	-28°C		
FLASH POINT (°C)	1		
ASSAY (% GC)	> 98		
ACID VALUE (mg KOH/g)	< 10		
SOLUBILITY	SLIGHTLY SOLUBLE IN WATER: 18,9 g/L (25°C)		
VAPOUR PRESSURE	57,9 mbar (20°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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