

## SPECIFICATION SHEET

VERSION 4      VERSION DATE 19/09/22      PRINT DATE 16/04/25

PRODUCT ACIDE VALERIQUE  
APPLICATIONS Industrial raw material not intended for direct use.  
IUPAC NAME PENTANOIC ACID  
SYNONYMS VALERIC ACID, PENTANOIC ACID

FORMULA  $C_5H_{10}O_2$   
MOLECULAR WEIGHT 102  
CAS 109-52-4  
EINECS 203-677-2  
FEMA 3101  
CoE 7  
FDA 172.515  
TARIFF NUMBER 2915609000

## SPECIFICATIONS

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ASPECT AT 20°C CLEAR MOBILE LIQUID  
COLOUR COLORLESS  
ODOUR BUTIRIC  
TASTE UNPLEASANT  
DENSITY AT 20°C (g / ml) 0,932-0,943  
DENSITY 25/25 -  
REFRACTIVE INDEX nD20 1,4050-1,4140  
REFRACTIVE INDEX nD25 -  
OPTICAL ROTATION (°) /  
BOILING POINT (°C) 184 - 186  
MELTING POINT (°C) CA. -34°C  
FLASH POINT (°C) 88  
ASSAY (% GC) > 99  
ACID VALUE (mg KOH/g) -  
SOLUBILITY SLIGHTLY SOLUBLE IN WATER  
VAPOUR PRESSURE NOT DETERMINED  
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 24 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.

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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