

SPECIFICATION SHEET

VERSION 4,00 **VERSION DATE** 19/09/22 **PRINT DATE** 21/12/24

PRODUCT LACTIC ACID
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME 2-HYDROXYPROPANOIC ACID
SYNONYMS 2-HYDROXYPROPIONIC ACID, E-270, LACTIC ACID

PLANT OF ORIGIN
PART OF THE PLANT

FORMULA CH₃CHOHCOOH

MOLECULAR WEIGHT 90,08

CAS 79-33-4

CAS 2 50-21-5

EINECS 201-196-2

EINECS 2 200-018-0

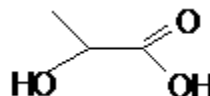
FEMA 2611

TARIFF NUMBER 2918110000

KOSHER CERTIFICATE AVAILABLE ON REQUEST

FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST

REACH REGISTRATION NO. Exempt from registration (according to article 2.5 of REACH)



SPECIFICATIONS

ASPECT AT 20°C CLEAR MOBILE LIQUID / SOLID

COLOUR COLOURLESS TO YELLOW

ODOUR SUGAR, WHEAT, MALT, SWEET

TASTE

DENSITY AT 20°C (g / ml) 1,172 - 1,210

DENSITY 25/25 1,200 - 1,209

REFRACTIVE INDEX n_D20 1,4130 - 1,4290

REFRACTIVE INDEX n_D25 -

OPTICAL ROTATION (°) /

BOILING POINT (°C) 125°C

MELTING POINT (°C) -

FLASH POINT (°C) 75,00

ASSAY (% GC) > 78% (BY TITRATION)

ACID VALUE (mg KOH/g) -

SOLUBILITY NON DETERMINED

VAPOUR PRESSURE NOT DETERMINED

OTHER SOLUBILITIES

OTHER TECHNICAL DATA PURITY DETERMINED BY ACID/BASE TITRATION.

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. IT CONTAINS 20% OF WATER.

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.