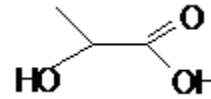


SPECIFICATION SHEET

VERSION 4,00 **VERSION DATE** 19/09/22 **PRINT DATE** 03/07/24

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	CH ₃ CHOHCOOH	
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.