

SPECIFICATION SHEET

VERSION 1,00 **VERSION DATE** 11/12/19 **PRINT DATE** 28/06/22

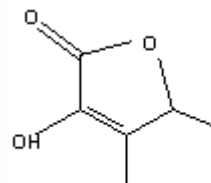
PRODUCT 4,5-DIMETHYL-3-HYDROXY-2,5-DIHYDROFURAN-2-ONE NATURAL
APPLICATIONS Raw material for industrial use intended for the manufacture of flavours and/or fragrances.
IUPAC NAME 4,5-DIMETHYL-3-HYDROXY-2,5-DIHYDROFURAN-2-ONE
SYNONYMS SUGAR LACTONE, CAMEL FURANONE, FENUGREEK LACTONE, SOTOLONE

PLANT OF ORIGIN
PART OF THE PLANT

FORMULA C6 H8 O3
MOLECULAR WEIGHT 128,13
CAS 28664-35-9

EINECS 249-136-4

FEMA 3634
TARIFF NUMBER 2932209090



FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST
REACH REGISTRATION NO. Exempt from registration (imported/manufactured < 1 ton/year)

SPECIFICATIONS

ASPECT AT 20°C	CLEAR MOBILE LIQUID/SOLID
COLOUR	PALE YELLOW TO YELLOW
ODOUR	ALCOHOLIC, CAMEL
TASTE	
DENSITY AT 20°C (g / ml)	1,172 - 1,198
DENSITY 25/25	1,170 - 1,195
REFRACTIVE INDEX nD20	1,4800 - 1,5000
REFRACTIVE INDEX nD25	-
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	187
MELTING POINT (°C)	CA. 25°C
FLASH POINT (°C)	110,00
ASSAY (% GC)	> 95
ACID VALUE (mg KOH/g)	-
SOLUBILITY	SOLUBLE IN WATER
VAPOUR PRESSURE	NOT DETERMINED
OTHER SOLUBILITIES	SOLUBLE IN MOST ORGANIC SOLVENTS.

OTHER TECHNICAL DATA SYNONYM: 4,5-DIMETHYL-3-HYDROXY-2(5H)-FURANONE.

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 TECHNOLOGICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.