

SPECIFICATION SHEET

VERSION	5,00	VERSION DATE	17/04/24	PRINT DATE	19/04/24
PRODUCT	LAURIC ACID, NATURAL				
APPLICATIONS	Industrial raw material not intended for direct use.				
IUPAC NAME	LAURIC ACID				
SYNONYMS	DODECANOIC ACID				
PLANT OF ORIGIN	Elaeis guineensis; Cocus nucifera				
PART OF THE PLANT					
FORMULA	C12 H24 O2				
MOLECULAR WEIGHT	200,00				
CAS	143-07-7				
EINECS	205-582-1				
FEMA	2614				
TARIFF NUMBER	2915903090				
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST				
REACH REGISTRATION NO.	01-2119538184-40				



SPECIFICATIONS

ASPECT AT 20°C	CRYSTALLINE SOLID (POWDER OR FLAKES)
COLOUR	WHITE
ODOUR	FATTY, WAXY, WEAK
TASTE	
DENSITY AT 20°C (g / ml)	-
DENSITY 25/25	-
REFRACTIVE INDEX nD20	-
REFRACTIVE INDEX nD25	-
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	252-287 (1 atm)
MELTING POINT (°C)	42 - 46
FLASH POINT (°C)	113,00
ASSAY (% GC)	> 98
ACID VALUE (mg KOH/g)	277 - 282
SOLUBILITY	NEARLY INSOLUBLE IN WATER
VAPOUR PRESSURE	1 mm Hg (121°C)
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL

OTHER TECHNICAL DATA

STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 60 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.
KEEP AT TEMPERATURES BELOW 25°C.

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.