

SPECIFICATION SHEET

VERSION 4,00 **VERSION DATE** 19/09/22 **PRINT DATE** 17/04/24

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 n_{D20} -
REFRACTIVE INDEX n_{D25} -
OPTICAL ROTATION (°) /
BOILING POINT (°C) 252-287 (1 atm)
MELTING POINT (°C) 41 - 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.