



SPECIFICATION SHEET

VERSION 1

VERSION DATE 21/05/14

PRODUCT ETHYL PROPIONATE, NATURAL
IUPAC NAME ETHYL PROPIONATE
SYNONYMS ETHYL PROPANOATE

PLANT OF ORIGIN Sugarcane
FORMULA C₅H₁₀O₂
MOLECULAR WEIGHT 102
CAS 105-37-3
EINECS 203-291-4
FEMA 2456
CoE 402
TARIFF NUMBER 2915500000
KOSHER CERTIFICATE AVAILABLE ON REQUEST
FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST
REACH REGISTRATION NO. Exempt from registration
(product to be used exclusively in flavours)

SPECIFICATIONS

ASPECT AT 20°C CLEAR MOBILE LIQUID
COLOUR COLORLESS
ODOUR STRONG, ETHEREAL, FRUITY
DENSITY AT 20°C (g/ml) 0,888– 0,891
REFRACTIVE INDEX n_{D20} 1,383 – 1,385
BOILING POINT (°C) 99 °C (1.013,0 mbar)
MELTING POINT (°C) -
FLASH POINT (°C) 12
ASSAY (%GC) > 99
ACID VALUE (mg KOH/mg) < 2
SOLUBILITY INSOLUBLE IN WATER
VAPOUR PRESSURE NOT DETERMINED
OTHER SOLUBILITIES SOLUBLE IN ETHANOL

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.