

PRODUCT: UNDECYCLenic ACID

ITEMS	SPECIFICATIONS
ASSAY AS C₁₁ H₂₀ O₂	97% ~100.5%
CONGEALING POINT	21.5 deg C min
ACID VALUE	296~301
REFRACTIVE INDEX	1447~1448
IDENTIFICATION a) Potassium permanganate test b) Melting point of derivative	Colour of potassium permanganate discharged 66 ~ 67.5 deg C
SPECIFIC GRAVITY at 25 deg C	0.910~0.913
RESIDUE OF IGNITION	0.15% max
HEAVY METALS	0.001% max
IODINE VALUE	131~138
WATER SOLUBLE ACIDS	Not more than 1.0 ml of 0.01 N sodium hydroxide
DESCRIPTION	Clear, colourless to pale yellow liquid having characteristic odour
SOLUBILITY	Practically insoluble in water, miscible with alcohol, with chloroform, with benzene, with fixed and volatile oils