



Diethyl maleate

Chinese alias: diethyl malate; Diethyl maleate

English name: Diethyl maleate

CAS RN: 141-05-9

Subtype: C₈H₁₂O₄

Subsize: 172.1785

Physical properties: density 1.064; Melting point -10° C; Boiling point 225° C; Refractive index 1.438-1.442; Flash point 93° C; insoluble

Reference quality index:

index	index	
	Superior quality	Qualified product
appearance	Colorless transparent oily liquid	Colorless transparent oily liquid
DEM content %	99.0 min	97.0~99.0
DEF content (GC) %	1.0max	3.0max
Acid value (mg KOH/g)	0.1 max	0.1 max
Color number (APHA)	30max	30max
Moisture %	0.1 max	0.1 max

Uses: Used as pesticide intermediate, for the preparation of organophosphorus pesticide malathion, can also be used in the production of spice solvent, insecticide, polymer monomer, plastic additives.