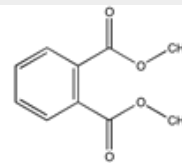


Identification

$C_{10}H_{10}O_4$
M = 194,19 g/mol
CAS [131-11-3]
EC number: 205-011-6
Taric code: 2917 34 00

**Synonyms**

Phthalic acid dimethyl ester

Applications

analytical chemistry, synthesis of organic products, in the cellulose industry, insect repellent.

Specifications

assay (G.C.).....	min. 99 %	density (20°/4°).....	1,188 - 1,191
identity (IR-spectrum).....	passes test	free acid [as C ₆ H ₄ (COOH) ₂].....	max. 0,03 %
		water (K.F.).....	max. 0,3 %

Physical data

- Density: 1,19 g/cm³
- Solub. in water: (20 °C): non-miscible
- Melting point: 4 - 6 °C
- Boiling point: (5 hPa) 134 - 138 °C
- Flash point: 150 °C
- Ignition temperature: 556 °C
- Vapour pressure: (20 °C) 0,008 hPa
- Refraction index: (n 25°C/D) 1,5137
- Viscosity: (20 °C) 1,7 mPas

Transport/storage

- 10°C - 30°C