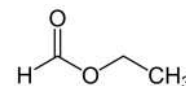




TECHNICAL DATA SHEET

Product name: Ethyl Formate



Specifications

Parameters	Specifications	Typical results
Appearance	Clear colourless Liquid	Clear Colorless Liquid
Identification By HPLC	The Retention Time of The Principal Peak Obtained with The Substance to Be Examined Corresponds to That of Reference Standard	Complies
Water Content	Max 0.30%	0.21 %
Purity	Min 98.00%	98.79 %

Stability and storage:

Ethyl formate is a stable compound under normal storage conditions. It should be stored in a cool, well-ventilated area, away from moisture and heat, and in tightly closed containers. It's important to avoid ignition sources like open flames or sparks.

Store in tightly closed containers to prevent leakage and exposure to the environment.

Application Areas:

Ethyl Formate is a common flavoring agent, particularly in artificial alcoholic beverages and lemonade, due to its fruity aroma. It's also used in baked goods, chewing gum, candy, and other food products.

Ethyl formate is used for fumigating agricultural commodities, particularly as a non-toxic alternative to methyl bromide. It's used for controlling pests in stored grains and other products. It's used in the manufacture of safety glass and in certain organic synthesis processes.

General information



CAS No.	: 109-94-4
IUPAC Name	: Ethyl formate
Synonyms	: Ethyl methanoate
EC No	: 203-721-0

Physical/Chemical properties:

Molecular Formula	: C ₃ H ₆ O ₂
Molecular weight	: 74.079
Boiling point	: 54.0 °C
Density	: 0.917 g/cm ³
Solubility	: Water
Physical state at 20°C	: Liquid
Flash Point	: -20 °C

Hazard classification & labelling:

Single Word : Danger

Pictogram :  

Classification according to Regulation (EC) No 1272/2008: : H225, H332, H302, H319 H335

Precautionary statement(s) : P210, P305+P351+P338 P261