

Ethyl Iodide

Features of China Ethyl Iodide

- Product Name: Ethyl iodide
- Chemical Formula: C₂H₅I
- CAS No.: 75-03-6
- Dangerous Grade: 6.1

Technical Data of Ethyl Iodide

ITEMS	SPECIFICATIONS	RESULTS
Appearance	Colorless transparent liquid	Conforms
Assay(Dried Basis)	≥99%	99.57%
Specific Gravity	1.94~1.96(20°C)	1.94
Distillation Range	71~73°C	71.9°C
Conclusion	Complies	
Remarks	No free Iodine	

Package and Storage:

- 100kg/drum or 200kg/drum
- Store in a cool, dry place. Keep container closed when not in use

Application /Application Industries:

- Pharmaceuticals
- Reagent
- Organic synthesis

Ethyl iodide (also iodoethane) is a colorless, flammable chemical compound. It has the chemical formula C_2H_5I and is prepared by heating ethanol with iodine and phosphorus. On contact with air, especially on the effect of light, it decomposes and turns yellow or reddish from dissolved iodine. It may also be prepared by reaction between hydroiodic acid and ethanol distilling off the ethyl iodide. Ethyl iodide should be stored in copper powder to avoid fast decomposition, though even with this method samples don't last more than 1 year.

Because iodide is a good leaving group, ethyl iodide is an excellent ethylating agent. It is also used as the hydrogen radical promoter.

The mission in NCMC, Ethyl Iodide manufacturer is to be a bridge connecting dreams between China market and our partner in other countries, on the principle of equality, mutual benefit and win-win cooperation.