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Ethyl Cyanoacetate,

$\text{CNCH}_2\text{COOC}_2\text{H}_5$ 113.11 CAS RN[®]: 105-56-6.—Colorless to pale yellow liquid. Slightly soluble in water. Miscible with alcohol and with ether. At atmospheric pressure it boils between 205° and 209°, with decomposition. At a pressure of 10 mm of mercury it distills at about 90°.

SPECIFIC GRAVITY (841): between 1.057 and 1.062.

Acidity: Dissolve 2 mL in 25 mL of neutralized alcohol, add phenolphthalein TS, and titrate with 0.10 N sodium hydroxide: not more than 1.5 mL is required to produce a pink color.

Auxiliary Information - Please [check for your question in the FAQs](#) before contacting USP.

| Topic/Question | Contact | Expert Committee |
|--------------------|------------------------------------------------------------------------|------------------|
| ETHYL CYANOACETATE | Margareth R.C. Marques Principal Scientific Liaison | HDQ Headquarters |

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