

ANNEX I

E 260 ACETIC ACID

| | |
|---|---|
| Definition | |
| Chemical name | Acetic acid |
| | Ethanoic acid |
| Einecs | 200-580-7 |
| Chemical formula | C ₂ H ₄ O ₂ |
| Molecular weight | 60,05 |
| Assay | Content not less than 99,8 % |
| Description | Clear, colourless liquid having a pungent, characteristic odour |
| Identification | |
| A. Boiling point | 118 °C at 760 mm pressure (of mercury) |
| B. Specific gravity | About 1,049 |
| C. A one in three solution gives positive tests for acetate | |
| D. Solidification point | Not lower than 14,5 °C |
| Purity | |
| Non-volatile residue | Not more than 100 mg/kg |
| Formic acid, formates and other oxidisable substances | Not more than 1 000 mg/kg expressed as formic acid |
| Readily oxidisable substances | Dilute 2 ml of the sample in a glass-stoppered container with 10 ml of water and add 0,1 ml of 0,1 N potassium permanganate. The pink colour does not change to brown within 30 minutes |
| Arsenic | Not more than 1 mg/kg |
| Lead | Not more than 5 mg/kg |
| Mercury | Not more than 1 mg/kg |
| Heavy metals (as Pb) | Not more than 10 mg/kg |