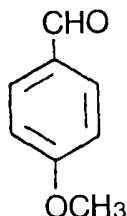


D. MONOGRAPHS

Anisaldehyde

p-Methoxybenzaldehyde



$C_8H_8O_2$

Mol. Wt. 136.15

4-methoxybenzaldehyde

[123-11-5]

Content Anisaldehyde contains not less than 97.0% of anisaldehyde ($C_8H_8O_2$).

Description Anisaldehyde is a colorless to light yellow and transparent liquid having a characteristic odor.

Identification To 5 drops of Anisaldehyde, add 1 ml of sodium hydrogen sulfite TS, and shake. The mixture forms crystalline lumps. Add 7 ml of water, and shake. The crystalline lumps dissolve almost clearly.

Purity (1) Refractive index n_D^{20} : 1.570 - 1.574.

(2) Specific gravity 1.122 - 1.127.

(3) Clarity of solution Clear (1.0 ml, 60% (vol) ethanol 5 ml).

(4) Acid value Not more than 6.0 (Flavoring Substances Tests).

Assay Weigh accurately about 0.8 g of Anisaldehyde, and proceed as directed under Method 2 in Aldehyde and Ketone Content in the Flavoring Substances Tests. In the test, allow the mixture to stand for 15 minutes before titrating.

1 ml of 0.5 mol/l hydrochloric acid = 68.08 mg of $C_8H_8O_2$