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o-Dichlorobenzene,

$C_6H_4Cl_2$ 147.00 CAS RN[®]: 95-50-1.—Clear liquid, having a light yellowish-brown tint (about APHA 20). Practically insoluble in water. Miscible with alcohol and with ether. Boils at about 180°.

Assay: When examined by gas–liquid chromatography, with the use of suitable apparatus and conditions, it shows a purity of not less than 98%.

Density: between 1.299 and 1.301.

REFRACTIVE INDEX (831): between 1.548 and 1.550 at 25°.

Residue on Evaporation: Evaporate 80 mL on a steam bath, and dry at 105° for 1 hour: the residue weighs not more than 50 mg (0.005%).

Acidity: Add phenolphthalein TS to 25 mL of methanol, and titrate with 0.02 N alcoholic potassium hydroxide VS until a faint pink color persists for 15 seconds. Pipet 25 mL of test specimen into the solution; mix, avoiding exposure to the atmosphere; and titrate with 0.02 N alcoholic potassium hydroxide VS: not more than 2.2 mL is required to restore the pink color (about 0.005%).

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

Topic/Question	Contact	Expert Committee
O-DICHLOROBENZENE	Margareth R.C. Marques Principal Scientific Liaison	HDQ Headquarters

Most Recently Appeared In:

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