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2,6-Dimethylphenol,

$(\text{CH}_3)_2\text{C}_6\text{H}_3\text{OH}$ 122.16 CAS RN[®]: 576-26-1.—White to pale yellow, crystalline solid.

Assay: Inject a 1 in 3 solution of it in xylene into a suitable gas chromatograph equipped with a flame-ionization detector, helium being used as the carrier gas at a flow rate of about 40 mL per minute. The following conditions have been found suitable: a 3.2-mm × 1.83-m stainless steel column packed with 10% phase G25 on support S1A; the injection port temperature is maintained at about 250° and the detector temperature at about 310°; the column temperature is programmed to rise at 8° per minute from 100° to 200°. Similarly inject a specimen of xylene. The area of the $\text{C}_8\text{H}_{10}\text{O}$ peak is not less than 98% of the total peak area corrected for xylene.

MELTING RANGE (741): between 44° and 46°.

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

Topic/Question	Contact	Expert Committee
2,6-DIMETHYLPHENOL	Margareth R.C. Marques Principal Scientific Liaison	HDQ Headquarters

Most Recently Appeared In:

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