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Orcinol

(5-Methylresorcinol), $C_7H_8O_2 \cdot H_2O$ 142.15 CAS RN[®]: 6153-39-5.—White to light tan crystals.

Assay: Transfer about 60 mg, accurately weighed, to a 100-mL volumetric flask, dissolve in methanol, dilute with methanol to volume, and mix. Transfer 5.0 mL of this solution to a 50-mL volumetric flask and dilute with methanol to volume, and mix. Using a suitable spectrophotometer, 1-cm cells, and methanol as the blank, record the absorbance of the solution at the wavelength of maximum absorbance at about 273 nm. From the observed absorbance, calculate the absorptivity (see [Ultraviolet-Visible Spectroscopy \(857\)](#)): the absorptivity is not less than 13.2, corresponding to not less than 98% of $C_7H_8O_2 \cdot H_2O$.

MELTING RANGE (741): between 58° and 61°.

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

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

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