

SPEIASI Cr(III) DAN Cr(VI) PADA LIMBAH CAIR INDUSTRI ELEKTROPLATING

<b>Title</b>	SPEIASI Cr(III) DAN Cr(VI) PADA LIMBAH CAIR INDUSTRI ELEKTROPLATING
<b>Author Order</b>	of
<b>Accreditation</b>	
<b>Abstract</b>	Speciation of Cr(III) and Cr(VI) in wastewater have been widely investigated. The species of Cr(III) and Cr(VI) in wastewater samples were determined by UV ? Vis Spectrometry and Atomic Absorption Spectrometry (AAS). The method described is based upon the spectrophotometric determination of the magenta chromagen (?max = 545 nm) formed when 1,5-diphenylcarbazide reacts with hexavalent chromium in sulphuric acid solution. Hexavalent chromium are determined by a calibration curve technique. The result showed that Cr(VI) concentration are still on the government regulation (Menteri Negara Kependudukan dan Lingkungan Hidup No. 03/MENKLH/II/1991).
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