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Copper Content in Crude Oil at Kurdistan Region - Iraq

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ABSTRACT

Crude oil samples collected from different places of Kurdistan region (Kirkuk, Kohrmalah 1, Kohrmalah 2, TT-18, TT-14, TT-04, TT-15, TT-07, TT-06 and TT-17) were analyzed for their Copper content. The results showed that concentration of copper are in the order: Kohrmalah 2 > TT-18 > TT-07 > TT-17 > TT-06 > Kohrmalah 1 > TT-15 > TT-14 > TT-04 for crude oil samples. The method was successfully used in the determination of Cu (II) in crude oil as well as in some environmental and industrial waste water. The method has high precision and accuracy.

Keywords: Copper, crude oil, Kurdistan region.