

ANALYSIS OF FLUORIDE CONCENTRATION AT KERAKAT TEHSIL OF JAUNPUR DISTRICT (U.P.) INDIA

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ABSTRACT

Concentration of fluoride should be within permissible limit as prescribed by organizations like ICMR, WHO, BIS. High concentration of fluoride in drinking water causes fluorosis and mottling of teeth. Fluoride ions enter in ground water from geological formation. The absence or very low concentration of fluoride ions causes dental carries in children's teeth. So it is necessary to find out the concentration of fluoride ion in water used for drinking purpose. In present study fluoride ion concentration is determine by standard analytical procedures and found in the range from 0.3 to 1.8 ppm at different sampling stations of Kerakat Tehsil in Jaunpur district during September. 2018 to November, 2018.

KEYWORDS: *Drinking water fluorosis, mottling of children teeth.*