

Title	Fluoride Analysis
Test Explanation:	<p>Fluoride can occur naturally in well water at high levels from erosion of natural deposits, or not be present at all.</p> <p>Some people who drink water containing fluoride in excess of the EPA Maximum Contaminant Level (4.0 mg/L) over many years could get bone disease, including pain and tenderness of the bones. Fluoride in drinking water at half the MCL (2.0 mg/L) or more may cause mottling of children's teeth, usually in children less than nine years old. Mottling, also known as dental fluorosis, may include brown staining and/or pitting of the teeth, and occurs only in developing teeth before they erupt from the gums. The recommended level of fluoride is 0.7 mg/L to prevent tooth decay.</p>
Specimen Requirements	<p>Samples will be accepted from the public for a fee of \$10.00 per sample plus \$6.50 shipping and handling per order. Samples from State government agencies, State Institutions and County Health Departments will be accepted at no charge.</p> <p>Contact: Bharat Patel Phone: 317-921-5586 Email: Bpatel@isdh.in.gov</p>
Sampling Materials	<p>Fluoride kits can be requested from the Indiana State Department of Health Laboratories Containers Area 317-921-5874.</p> <p>The kit contains:</p> <ul style="list-style-type: none"> • Instruction form • Analysis request form • One 125mL plastic bottle. <p>Order Form: https://forms.in.gov/Download.aspx?id=7468</p>
Procedural Notes	<p>Do not rinse the sample container. Flush the sample tap for five (5) minutes prior to collecting the sample. Reduce the flow of the water and fill the sample container to the shoulder of the bottle. Replace and tighten the cap to prevent sample leaking. Complete the analysis request form.</p>
Shipping Instructions	<p>Mail or return (within 72 hours) to:</p> <p>Indiana State Department of Health Laboratories Chemistry Laboratories 550 W 16th Street, Suite B Indianapolis, IN 46202-2203</p>
Reporting and TAT	<p>The report will be emailed/faxed or mailed within 30 days after receiving the sample.</p>