



Artificial Sweeteners in Water Testing

Artificial sweeteners are used extensively in the making and production of food products and beverages. Sweeteners are not metabolized or altered by most biological processes, including the human digestive system. Artificial sweeteners are eliminated from the body typically in bodily waste. Wastewater treatment facilities, which will treat waste water, are ineffective in removing or degrading sweeteners. Based on the stability and high aqueous solubility, sweeteners are a good tracer for waste water.

EMSL Analytical can accept water samples for analysis and quantification of select artificial sweeteners. Samples can be sent to our Food Chemistry Division in Cinnaminson, New Jersey for analysis.

EMSL Test Code: Artificial Sweeteners F639

Method: Internally Developed Method

Certification: None, information only

Matrices: Waste water, Ground water, Drinking Water

Reporting Limit: 100 ng/L

Price:

\$500 for a 2 week turnaround

\$750 for a 1 week turnaround

Target Sample Size: 100 mL

Sample Minimum: 25 mL

Sample Maximum: 500 mL

Sampling Container: Amber Glass Jar

Shipping Requirements: Ship on ice

Samples to be Sent to:

EMSL Analytical, Inc.

c/o Food Chemistry Division

200 Route 130 North

Cinnaminson NJ 08077

Analytes to be Identified and Quantified:

Acesulfame K

Sucralose

Saccharin

Aspartame