

Resource Summary Report

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Children's Hospital Oakland Research Institute Elemental Analysis Core Facility

RRID:SCR_017927

Type: Tool

Proper Citation

Children's Hospital Oakland Research Institute Elemental Analysis Core Facility
(RRID:SCR_017927)

Resource Information

URL: http://www.chori.org/Services/Elemental_Analysis_Facility/elemental_analysis.html

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Description: Core provides sample preparation, metal extraction, dissolved solids measurement, analytic consultation, and technical writing assistance) in support of wide range of clinical and biomedical research projects. Instruments include Agilent 5100 SVDV Inductively-Coupled Plasma-Optical Emission Spectrometer, SPS3 Robotic Autosampler, MARS5 Microwave Sample Digestion Oven, ICPEXpert Advanced Workstation. Analytic Capabilities: Simultaneous, multi-element quantitation over wide dynamic range; Broad elemental detection capability with high precision and sensitivity; Compatible with range of clinical, nutritional, basic research, and pharmaceutical samples; Tolerant of high total dissolved solids and complex matrix components; NIST-traceable calibrants, standards, and other QA/QC controls included in analyses.

Abbreviations: CHORI-EAF

Synonyms: Elemental Analysis Facility

Resource Type: access service resource, core facility, service resource

Keywords: Elemental, analysis, sample, preparation, metal, extraction, dissolved, solid, measurement, service, core, ABRF

Availability: Open

Resource Name: Children's Hospital Oakland Research Institute Elemental Analysis Core Facility

Resource ID: SCR_017927

Alternate IDs: ABRF_817

Record Creation Time: 20220129T080337+0000

Record Last Update: 20260821T194123+0000

Ratings and Alerts

No rating or validation information has been found for Children's Hospital Oakland Research Institute Elemental Analysis Core Facility.

No alerts have been found for Children's Hospital Oakland Research Institute Elemental Analysis Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Brankovits D, et al. (2017) Methane- and dissolved organic carbon-fueled microbial loop supports a tropical subterranean estuary ecosystem. Nature communications, 8(1), 1835.