

Resource Summary Report

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University of Colorado Boulder Raman Microspectroscopy Lab Core Facility

RRID:SCR_019305

Type: Tool

Proper Citation

University of Colorado Boulder Raman Microspectroscopy Lab Core Facility
(RRID:SCR_019305)

Resource Information

URL: <https://www.colorado.edu/geologicalsciences/resources/research-facilities/raman-microspectroscopy-lab>

Proper Citation: University of Colorado Boulder Raman Microspectroscopy Lab Core Facility (RRID:SCR_019305)

Description: Core research facility housed in Department of Geological Sciences for fast, non-destructive characterization and chemical imaging of diverse materials spanning minerals (thin sections and powders), biological samples, fluids, dissolved gases, and much more.

Synonyms: Raman Microspectroscopy Lab, University of Colorado at Boulder Raman Microspectroscopy Lab Core Facility, Colorado University at Boulder Raman Microspectroscopy Lab Core Facility

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

Keywords: USEDit, ABRF,

Resource Name: University of Colorado Boulder Raman Microspectroscopy Lab Core Facility

Resource ID: SCR_019305

Alternate IDs: ABRF_1102

Alternate URLs: <https://coremarketplace.org/?FacilityID=1102>

Record Creation Time: 20220129T080344+0000

Record Last Update: 20260807T042933+0000

Ratings and Alerts

No rating or validation information has been found for University of Colorado Boulder Raman Microspectroscopy Lab Core Facility.

No alerts have been found for University of Colorado Boulder Raman Microspectroscopy Lab Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Kashyap S, et al. (2026) Microbial growth rates captured using Raman-SIP reveal a highly active subsurface biosphere fueled by serpentinization. *Nature communications*, 17(1).

Caro TA, et al. (2025) Dissolved inorganic carbon supports robust anabolism and methanogenesis in actively serpentinizing rocks. *bioRxiv : the preprint server for biology*.

Brininger CM, et al. (2025) Calcite precipitation by the nitrogen-fixing cyanobacterium *Anabaena* sp. ATCC 33047. *Communications biology*, 8(1), 1728.

Üngör Ö, et al. (2025) ⁵⁹Co Thermal Sensitivity in Co(III) Trisdithiocarbamate Complexes. *Inorganic chemistry*, 64(13), 6531.

Caro TA, et al. (2024) Single-cell measurement of microbial growth rate with Raman microspectroscopy. *FEMS microbiology ecology*, 100(9).

Pearce KC, et al. (2024) Direct evidence that cryoprotectant mixtures facilitate individual component permeation into living plant cells. *Cryobiology*, 116, 104928.

Lewis KL, et al. (2023) Programming Orientation in Liquid Crystalline Elastomers Prepared with Intra-Mesogenic Supramolecular Bonds. *ACS applied materials & interfaces*, 15(2), 3467.