

# Resource Summary Report

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## University of Colorado Boulder Raman Microspectroscopy Lab Core Facility

RRID:SCR\_019305

Type: Tool

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### Proper Citation

University of Colorado Boulder Raman Microspectroscopy Lab Core Facility  
(RRID:SCR\_019305)

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### 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:** access service resource, service resource, core facility

**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:** 20260729T044457+0000

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## 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.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 6 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [nidm-terms](#) .

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

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

Üngör Ö, et al. (2025) <sup>59</sup>Co 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.