

Heavy Metals and Microbiological Testing for Cannabis

Procedures for Analyzing Al, Cd, Cr, Cu, Pb, Ni, Zn, Coliforms (Total, Fecal, E. Coli), Yeast and Molds

Heavy Metal Testing Summary for Cannabis:

Hach offers colorimetric chemical reagents for testing metal concentrations in source water, irrigation water and cannabis extracts.

Analytical Procedures

- [Aluminum Method 10215: TNT848 \(0.02-0.50 mg/L Al\)](#)
- [Cadmium Method 10217: TNT852 \(0.02-0.30 mg/L Cd\)](#)
- [Chromium Method 10218 \(VI\) & 10219 \(Total\): TNT854 \(0.03-1.00 mg/L Cr\)](#)
- [Copper Method 10238: TNT860 \(0.1-8.0 mg/L Cu\)](#)
- [Lead Method 10216: TNT850 \(0.1-2.0 mg/L Pb\)](#)
- [Nickel Method 10220: TNT856 \(0.1-6.0 mg/L Ni\)](#)
- [Zinc Method 8009: Zincon Rgt Set 2429300 \(0.01-3.00 mg/L Zn\)](#)



Microbiological Testing Summary for Cannabis:

Hach offers microbiological procedures to test for coliforms (total, fecal and E. Coli), yeast and molds in source water, irrigation water and cannabis extracts.

Microbiological Procedures

The sample is added to a nutritional broth or agar and incubated at a specific temperature to grow the target organism. Hach offers presence absence, membrane filtration, most probable number, peel plates and paddle test procedures using different prepared medias for biological detection:

- <https://www.hach.com/prepared-media/presence-absence-media/family?productCategoryId=35547105132>
- <https://www.hach.com/prepared-media/membrane-filtration-media/family?productCategoryId=35547105134>
- <https://www.hach.com/prepared-media/liquid-mpn-media/family?productCategoryId=35547105129>
- <https://www.hach.com/prepared-media/yeast-mold-media/family?productCategoryId=35547105133>
- <https://www.hach.com/prepared-media/total-count-media/family?productCategoryId=35547105131>

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