Proficiency Testing/Practice Testing/Certified Reference Material Sample Providers

Information Sheet

Maine Department of Health and Human Services, Maine Center for Disease Control and Prevention
Maine Marijuana Certification Program • 286 Water St., 11 SHS • Augusta, ME 04333-0011
(207) 287-4758 • (207) 287-1929 • FAX: (207) 287-4172

Emerald Scientific: (Sells Absolute Standards and NSI Standards, both ISO/IEC 17043 accredited)
https://emeraldscientific.com/proficiency-tests/
https://pt.emeraldscientific.com/
Cannabis Microbiology Panel 1- Quantitative (and Qual) - Blind Proficiency Test in Hemp (APC, Coliform/E.coli, Yeast/Mold, Enterobacteriaceae).
Cannabis Microbiology Panel 2- Quantitative (and Qual) - Blind Proficiency Test in Hemp (Salmonella).
Mycotoxins – quant - Aflatoxins and Ochratoxin in Hemp.
Metals in Gummy Bears – Blind Proficiency and Practice.
Metals in Hemp Oil and Hemp Bud – Blind Proficiency and Practice.
Water activity in a mix of salts - Blind Proficiency and Practice.
Potency in Hemp Bud, Hemp Oil, Solvent – CBD, CBDA, THCA, THC, CBN - Blind Proficiency and Practice.
Solvent Mixes (CA, OR, WA) in Hemp Oil - Blind Proficiency and Practice. For multiple testing technologies.
Pesticide Mixes (CA, OR, WA) in solvent, Hemp oil, and Hemp Bud - Blind Proficiency and Practice. For multiple testing technologies.

NSI Lab Solutions (ISO/IEC 17043 accredited)
https://www.nsilabsolutions.com/proficiency-testing/
Proficiency Tests (studies open twice per year)

Metals in Hemp
Percent Moisture in Hemp
Solvents in Hemp Oil
Enterobacteriaceae/Total Coliform/E.coli/Total Aerobic/Yeast&Mold/Salmonella in Hemp
Absolute Standards Inc (ISO/IEC 17025 and 17043 accredited)
https://www.absolutestandards.com/?search=go&pt=view&skip=400

Proficiency Tests:
Percent Moisture in Hemp Bud
Percent Moisture in Hemp Oil
Percent Moisture in Gummy
Metals in Gummy Matrix
Metals in Hemp Matrix
Metals in Hemp Oil
Metals in Topical Cream
Water Activity in Hemp Oil
Water Activity in Hemp Bud
Water Activity in Gummy

LGC: (ISO/IEC 17025 and 17043 accredited)
https://us.lgcstandards.com/US/en/Food-and-Beverage/Cannabis-related-compounds/cat/279543?gclid=CjwKCAjwkenqBRBgEiwA-bZVtrg9TLwvR9BI-B-reUaD0PO-VfutmndcZDzss7uu-LpxUuZJ0iZ8xoC6YkQA-BwE

Proficiency Tests:
Pesticide Mixes in oatmeal, dried tea, fruit & vegetables.
Aflatoxins and Ochratoxin in solvent, dried fruit.
Solvent mixtures in oatmeal.
Metals in dried fruit, cereal, edible oil, As, Hg, Pb also has dried tea.
Water activity in food products.
Coliforms, Yeast/Mold, Total Aerobic Count, in Medicinal Herb.


LGC also has standards for pesticide and solvent mixes by various states’ requirements.

Phenova: (ISO/IEC 17025 and 17043 accredited)
Does not advertise Marijuana products on web currently, but customers can contact Ty Garber at (866) 942-2978 to get information on available PTs and standards.
https://www.phenova.com/product/ptoverview
SigmaAldrich


Certified Reference Materials (CRMs) in solvents (Cannabinoids, Pesticides, Aflatoxins, Ochratoxin, Solvents mixtures by class, Metals)

https://www.sigmaaldrich.com/content/dam/sigma-aldrich/docs/Sigma-Aldrich/General_Information/1/cannabis-testing.pdf

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