

Hemp Proficiency Testing



NSI Lab Solutions Hemp PT studies are designed for your convenience and success.

- 2 studies yearly without order deadlines.
- PT Express™ quick turnaround PT studies available year round. Inquire at 1-800-234-7837 or nsi@nsilabsolutions.com.
- Simple on-line reporting with NSI's exclusive PT Datalink.
- No limits on the number of analysts or number of methods that you may report.
- Final reports returned within 21 days of the study close.

Hemp Microbiology Proficiency Tests

Quantitative APC/TVC

Designed for quantitative determination of APC in the range of 500 cfu/g to 500,000 cfu/g. Sample supplied as hemp or edible inoculated with several BSL-2 aerobic organisms. Applicable to cultural techniques. Supplied in duplicate for convenience.

Part#: CMPT-036 in 1g Hemp \$90.00
Part#: CMPT-057 in 1g Edible \$90.00

Quantitative Bile Tolerant Gram Negative Bacteria

Designed for quantitative determination of BTGN in the range of 500 cfu/g to 500,000 cfu/g. Sample supplied as hemp or edible inoculated with several BSL-2 aerobic organisms. Applicable to cultural techniques. Supplied in duplicate for convenience.

Part#: CMPT-039 in 1g Hemp \$90.00
Part#: CMPT-058 in 1g Edible \$90.00

Quantitative Total Coliforms and E.coli

Designed for quantitative determination of Total Coliforms and E. coli in the range of 500 cfu/g to 500,000 cfu/g. Sample supplied as hemp or edible inoculated with several BSL-2 aerobic organisms. Applicable to cultural techniques. Supplied in duplicate for convenience.

Part#: CMPT-037 in 1g Hemp \$90.00
Part#: CMPT-038 in 1g Edible \$90.00

Quantitative Yeast/Mold

Designed for quantitative determination of Yeast/Mold in the range of 500 cfu/g to 50,000 cfu/g. Sample supplied hemp or edible inoculated with yeast and/or mold. Applicable to cultural techniques. Supplied in duplicate for convenience.

Part#: CMPT-040 in 1g Hemp \$90.00
Part#: CMPT-059 in 1g Edible \$90.00

Qualitative Salmonella

A five sample set. At least 2 of 5 samples will test positive for the target microorganism. Acceptable evaluation requires at least 4 of 5 recorded correctly with no false negatives. Can be used for cultural and/or molecular test methods.

Part#: CMPT-025 in Hemp \$200.00
Part#: CMPT-026 in Edible \$225.00
Part#: CMPT-027 in Oil \$225.00

Qualitative Aspergillus Molds

A five sample set. At least 2 of 5 samples will test positive for one of the target microorganisms (A. flavus, A. fumigatus, A. niger, A. terreus). Acceptable evaluation requires at least 4 of 5 recorded correctly with no false negatives. Can be used for cultural and/or molecular test methods.

Part#: CMPT-031 in Hemp \$200.00
Part#: CMPT-032 in Edible \$225.00
Part#: CMPT-033 in Oil \$225.00

Qualitative L. monocytogenes

A five sample set. At least 2 of 5 samples will test positive for the target microorganism. Acceptable evaluation requires at least 4 of 5 recorded correctly with no false negatives. Can be used for cultural and/or molecular test methods.

Part#: CMPT-064 in Hemp \$200.00
Part#: CMPT-065 in Edible \$225.00
Part#: CMPT-066 in Oil \$225.00

Qualitative E. coli

A five sample set. At least 2 of 5 samples will test positive for the target microorganism. Acceptable evaluations require reporting at least 4 of 5 correct with no false negatives. Can be used for cultural and/or molecular test methods.

Part#: CMPT-034 in Hemp \$200.00

Qualitative STEC

A five sample set. At least 2 of 5 samples will test positive for one of the target microorganisms (O26, O45, O103, O111, O121 or O145). Acceptable evaluation requires at least 4 of 5 recorded correctly with no false negatives. Can be used for cultural and/or molecular test methods.

Part#: CMPT-028 in Hemp \$200.00
Part#: CMPT-029 in Edible \$225.00
Part#: CMPT-030 in Oil \$225.00

Qualitative S. aureus

A five sample set. At least 2 of 5 samples will test positive for the target microorganism. Acceptable evaluation requires at least 4 of 5 recorded correctly with no false negatives. Can be used for cultural and/or molecular test methods.

Part#: CMPT-067 in Hemp \$200.00
Part#: CMPT-068 in Edible \$225.00
Part#: CMPT-069 in Oil \$225.00

Qualitative P. aeruginosa

A five sample set. At least 2 of 5 samples will test positive for the target microorganism. Acceptable evaluation requires at least 4 of 5 recorded correctly with no false negatives. Can be used for cultural and/or molecular test methods.

Part#: CMPT-070 in Hemp \$200.00
Part#: CMPT-071 in Edible \$225.00
Part#: CMPT-072 in Oil \$225.00

Qualitative E. coli O157:H7

A five sample set. At least 2 of 5 samples will test positive for the target microorganism. Acceptable evaluations require reporting at least 4 of 5 correct with no false negatives. Can be used for cultural and/or molecular test methods.

Part#: CMPT-035 in Hemp \$200.00

2020 Hemp Study Schedule

Study#: HEMP-0320 Opens March 16 Closes April 29
Study#: HEMP-0920 Opens Sept. 14 Closes Oct. 28



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ISO 9001:2008

NSI Lab Solutions



Certificate AT-1690



Certificate #: AR-1571



Certificate #: AP-1693

Hemp Chemistry Proficiency Tests

Quantitative Pesticides

Sample set supplied as blank matrix and certified spiking solution. Adequate matrix mass and spiking solution volume provided for 2 analyses. At least 25% of BCC pesticide list will be present per study.

Part#: CMPT-043	..... in Hemp	.....	\$750.00
Part#: CMPT-063	..... in Edible	.....	\$700.00
Part#: CMPT-062	..... in Oil	.....	\$725.00

Cannabinoid Profile – No THC

Real world matrix samples for determination of Cannabinoids. Samples are evaluated for CBD, CBDA, CBG, CBN, CBC, CBGA and CBDV. Provided in duplicate for convenience. **USDEA Exempt**

Part#: CMPT-074	..... in Hemp	.....	\$350.00
Part#: CMPT-079	..... in Edible	.....	\$350.00
Part#: CMPT-075	..... in Oil	.....	\$350.00

Moisture in Hemp

Designed for quantitative determination of % moisture in hemp. 500 mg hemp in single use vials, supplied in duplicate for convenience.

Part#: CMPT-022	\$165.00
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Water Activity

Designed for quantitative determination of water activity. Samples are supplied as real world matrix sample: hemp, edible, and oil. Provided in duplicate for convenience.

Part#: CMPT-021	..... in Hemp	.....	\$200.00
Part#: CMPT-078	..... in Edible	.....	\$180.00
Part#: CMPT-081	..... in Oil	.....	\$195.00

Heavy Metals in Hemp

A natural hemp matrix to be analyzed for Cd, As, Hg, Cr, Cu, Ni and Pb. Supplied in an HDPE bottle with enough mass for at least two analyses.

Part#: CMPT-020	\$195.00
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Residual Solvents in Oil

Supplied in hemp oil. Provided in duplicate. At least 40% of Florida residual solvents list will be randomly included in each study.

Part#: CMPT-018	\$300.00
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Quantitative Mycotoxins

Quantitative determination of Ochratoxin A and Total Aflatoxin (B1, B2, G1 and G2). Sample set supplied as blank matrix and certified spiking solution. Adequate matrix mass and spiking solution volume provided for 2 analyses. Each PT will contain Ochratoxin A and 2 of the 4 possible Aflatoxins.

Part#: CMPT-042	..... in Hemp	.....	\$410.00
Part#: CMPT-060	..... in Edible	.....	\$395.00
Part#: CMPT-061	..... in Oil	.....	\$400.00

Terpenes

Sample set supplied as a blank matrix and a certified spiking solution containing at least 8 terpenes per study.

Part#: CMPT-024	..... in Hemp	.....	\$295.00
Part#: CMPT-080	..... in Oil	.....	\$290.00

Potency

Supplied as a set including blank matrix and a certified spiking solution. Samples to be evaluated for THC, THCA, CBD, CBDA, CBGA, CBG, CBN, CBC, THCV, CBDV, delta-8-Tetrahydrocannabinol and delta-9-Tetrahydrocannabinol. **USDEA Exempt.**

Part#: CMPT-023	..... in Hemp	.....	\$695.00
Part#: CMPT-076	..... in Edible	.....	\$675.00
Part#: CMPT-077	..... in Oil	.....	\$690.00

Filth/Extraneous Materials

A five sample set of hemp. At least 2 of 5 samples of each set will test positive for filth and extraneous material. Designed for visual or low power microscopic examination, (10x to 40x).

Part#: CMPT-047 in Hemp	\$200.00
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2020 Hemp Study Schedule

Study#: HEMP-0320	Opens March 16	Closes April 29
Study#: HEMP-0920	Opens Sept. 14	Closes Oct. 28

*Check Out Our Website, www.nsilabsolutions.com,
For Our Hemp Certified Reference Materials & Detailed Product Information*



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protect more. test more.

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