

The Broadest Selection of Analytical Standards & Proficiency Testing for Cannabis & Hemp

MOST TRUSTED BRANDS IN ANALYTICAL REFERENCE MATERIALS

WHAT MATTERS MOST TO YOUR LAB:

- Broadest Range of Reference Materials & PTs
- Accredited Certified Reference Materials & PTs
- ISO 17025, ISO 17034, & ISO 17043

CRMs AND PT:

- Microbiology
- Cannabinoids
- Terpenes & Flavonoids
- Pesticides & Mycotoxins
- Residual Solvents
- Inorganics
- Physical Chemistry



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Potency

Component	Scheduled PT	QC CRM	PT Express
Potency (Exempt <0.3% THC) 1X1.2mL +Hemp Matrix	CMPT-023	CMQC-023	CMPT-023B
Potency (Exempt <0.3% THC) 1X1.2mL +Edible Matrix	CMPT-076	CMQC-076	CMPT-076B
Potency (Exempt <0.3% THC) 1X1.2mL +Hemp Oil Matrix	CMPT-077	CMQC-077	CMPT-077B
THC Potency 1X1.1mL +Hemp Matrix	CMPT-082	CMQC-082	CMPT-082B
THC Potency 1X1.1mL +Hemp Oil Matrix	CMPT-083	CMQC-083	CMPT-083B
THC Potency 1X1.1mL +Edible Matrix	CMPT-084	CMQC-084	CMPT-084B
11 Part Potency in Hemp 1x1.2mL +Hemp Matrix*	CMPT-094* - discontinued use CMPT-023	Not Available	Not Available
11 Part Potency in Hemp 1x1.2mL +Hemp Oil Matrix*	CMPT-095* - discontinued use CMPT-077	Not Available	Not Available
11 Part Potency in Hemp 1x1.2mL +Edible Matrix*	CMPT-096* - discontinued use CMPT-076	Not Available	Not Available

Pesticides

Component	Scheduled PT	QC CRM	PT Express
Quantitative Pesticides 2x1.6mL +Hemp Matrix	CMPT-043	CMQC-043	CMPT-043B
Quantitative Pesticides 2x1.6mL +Hemp Oil Matrix	CMPT-062	CMQC-062	CMPT-062B
Quantitative Pesticides 2x1.6mL +Edible Matrix	CMPT-063	CMQC-063	CMPT-063B
Quantitative Pesticides 2x1.6mL + Hemp Matrix*	CMPT-015* - discontinued use CMPT-043	Not Available	CMPT-015B - discontinued use CMPT-043B
Quantitative Pesticide 2x1.6mL +Hemp Oil Matrix*	CMPT-086* - discontinued use CMPT-062	Not Available	Not Available

Heavy Metals

Component	Scheduled PT	QC CRM	PT Express
Heavy Metals in Hemp 2.1-2.5grams in HDPE bottle	CMPT-020	CMQC-020	CMPT-020B

Terpenes

Component	Scheduled PT	QC CRM	PT Express
Quantitative Terpenoids 2x1.6mL +Hemp Matrix	CMPT-024	CMQC-024	CMPT-024B
Quantitative Terpenoids 2x1.6mL +Hemp Oil Matrix	CMPT-080	CMQC-080	CMPT-080B
Quantitative Terpenoids 2x1.6mL +Hemp Matrix*	CMPT-092* - discontinued use CMPT-024	Not Available	Not Available
Quantitative Terpenoids 2x1.6mL +Hemp Oil Matrix*	CMPT-091* - discontinued use CMPT-080	Not Available	Not Available

* Former Emerald Scientific Part Number; cross match to suggested alternative NSI part number

Residual Solvents

Component	Scheduled PT	QC CRM	PT Express
Quantitative Residual Solvents 2x1.5mL in Hemp Oil Matrix	CMPT-018	CMQC-018	CMPT-018B
Quantitative Residual Solvents 2x1.5mL in Hemp Oil Matrix*	CMPT-093* - discontinued use CMPT-018	Not Available	Not Available

Mycotoxins

Component	Scheduled PT	QC CRM	PT Express
Quantitative Mycotoxins in Hemp 2x1.2mL +Hemp Matrix	CMPT-042	CMQC-042	CMPT-042B
Quantitative Mycotoxins in Edible 2x1.2mL +Edible Matrix	CMPT-060	CMQC-060	CMPT-060B
Quantitative Mycotoxins in Oil 2x1.2mL +Hemp Oil Matrix	CMPT-061	CMQC-061	CMPT-061B
Quantitative Mycotoxins in Hemp 2x1.2mL +Hemp Matrix*	CMPT-014* - discontinued use CMPT-042	Not Available	Not Available
Quantitative Mycotoxins in Oil 2x1.2mL +Hemp Oil Matrix*	CMPT-090* - discontinued use CMPT-061	Not Available	Not Available

Water Activity and Moisture

Component	Scheduled PT	QC CRM	PT Express
Water Activity in Hemp 2x5mL Vials	CMPT-021	CMQC-021	CMPT-021B
Moisture in Hemp 2x500mg Vials	CMPT-022	CMQC-022	CMPT-022B
Water Activity in Edible 2x5mL Vials	CMPT-078	CMQC-078	CMPT-078B
Water Activity in Oil 2x5mL Vials	CMPT-081	CMQC-081	CMPT-081B
Moisture & Water Activity in Hemp 4x500mg*	CMPT-088* - discontinued use either CMPT-021 or CMPT-022	CMQC-088 - discontinued use either CMQC-021 or CMQC-022	Not Available

Foreign Material in Hemp

Component	Scheduled PT	QC CRM	PT Express
Foreign Materials in Hemp 5 Sample Set	CMPT-047	CMQC-047	CMPT-047B

* Former Emerald Scientific Part Number; cross match to suggested alternative NSI part number

Cannabis Microbiology

Component	Scheduled PT	QC CRM	PT Express
Salmonella in Hemp Qualitative, 5 Samples/ 1 DI Water	CMPT-025	CMQC-025	CMPT-025B
Salmonella in Edible Qualitative, 5 Samples/ 1 DI Water	CMPT-026	CMQC-026	CMPT-026B
Salmonella in Hemp Oil , Qualitative, 5 Samples/ 1 DI Water	CMPT-027	CMQC-027	CMPT-027B
STEC in Hemp Qualitative, 5 Samples/1 DI Water	CMPT-028	CMQC-028	CMPT-028B
STEC in Edible Qualitative, 5 Samples/1 DI Water	CMPT-029	CMQC-029	CMPT-029B
STEC in Hemp Oil Qualitative, 5 Samples/1 DI Water	CMPT-030	CMQC-030	CMPT-030B
Aspergillus Mold in Hemp Qualitative, 5 Samples/ 1 DI Water	CMPT-031	CMQC-031	CMPT-031B
Aspergillus Mold in Edible Qualitative, 5 Samples/ 1 DI Water	CMPT-032	CMQC-032	CMPT-032B
Aspergillus Mold in Hemp Oil Qualitative, 5 Samples/ 1 DI Water	CMPT-033	CMQC-033	CMPT-033B
E. coli in Hemp Qualitative 5 Samples/1 DI Water	CMPT-034	CMQC-034	CMPT-034B
E. coli O157:H7 in Hemp Qualitative, 5 Samples/ 1 DI Water	CMPT-035	CMQC-035	CMPT-035B
APC in Hemp Quantitative 2 Samples/2 DI Water	CMPT-036	CMQC-036	CMPT-036B
Coliform/E. coli in Hemp Quantitative 2 Samples/ 2 DI Water	CMPT-037	CMQC-037	CMPT-037B
Coliform/E. coli Edible Quantitative 2 Samples/ 2 DI Water	CMPT-038	CMQC-038	CMPT-038B
Bile Tolerant Gram Negative BTGN Enterobacteriaceae EB in Hemp Quantitative 2 Samples/2 DI Water	CMPT-039	CMQC-039	CMPT-039B
Yeast or Mold in Hemp Quantitative 2 Samples/ 2 DI Water	CMPT-040	CMQC-040	CMPT-040B
Aerobic Plate Count APC in Edible Quantitative 2 Samples/2 DI Water	CMPT-057	CMQC-057	CMPT-057B
Bile Tolerant Gram Negative BTGN Enterobacteriaceae EB in Edible Quantitative 2 Samples/2 DI Water	CMPT-058	CMQC-058	CMPT-058B
Yeast or Mold in Edible Quantitative 2 Samples/ 2 DI Water	CMPT-059	CMQC-059	CMPT-059B
Listeria monocytogenes in Hemp Qualitative 5 Samples/1 DI Water	CMPT-064	CMQC-064	CMPT-064B
Listeria monocytogenes in Edible Qualitative 5 Samples/1 DI Water	CMPT-065	CMQC-065	CMPT-065B
Listeria monocytogenes in Hemp Oil Qualitative 5 Samples/1 DI Water	CMPT-066	CMQC-066	CMPT-066B
Staphylococcus aureus in Hemp Qualitative 5 Samples/1 DI Water	CMPT-067	CMQC-067	CMPT-067B

Cannabis Microbiology - continued

Component	Scheduled PT	QC CRM	PT Express
Staphylococcus aureus in Edible Qualitative 5 Samples/1 DI Water	CMPT-068	CMQC-068	CMPT-068B
Staphylococcus aureus in Hemp Oil Qualitative 5 Samples/1 DI Water	CMPT-069	CMQC-069	CMPT-069B
Pseudomonas aeruginosa in Hemp Qualitative 5 Samples/1 DI Water	CMPT-070	CMQC-070	CMPT-070B
Pseudomonas aeruginosa in Edible Qualitative 5 Samples/1 DI Water	CMPT-071	CMQC-071	CMPT-071B
Pseudomonas aeruginosa in Hemp Oil Qualitative 5 Samples/1 DI Water	CMPT-072	CMQC-072	CMPT-072B
Yeast & Mold in Hemp Quantitative, 2 Samples/ 2 DI Water	CMPT-085	CMQC-085	CMPT-085B
Microbial Panel 1, 4 Vials/1 DI Water*	CMPT-010* - discontinued use all of these CMPT-036, CMPT-037, CMPT-039, and CMPT-040	Not Available	Not Available
APC in Hemp, Quantitative, 2 Samples/2 DI Water*	CMPT-010-AC* - discontinued use CMPT- 036	Not Available	Not Available
BTGN/EB in Hemp Quantitative, 2 Samples/ 2 DI Water*	CMPT-010-EB* - discontinued use CMPT- 039	Not Available	Not Available
Coliform/E. coli in Hemp Quantitative, 2 Samples/ 2 DI Water*	CMPT-010-TC* - discontinued use CMPT- 037	Not Available	Not Available
Yeast or Mold in Hemp Quantitative, 2 Samples/ 2 DI Water*	CMPT-010-YM* - discontinued use CMPT- 040	Not Available	Not Available
Microbial Panel 2, 5 Vials/1 DI Water*	CMPT-011* - discontinued use CMPT-025	Not Available	Not Available
Microbial Panel 3, 5 Vials/1 DI Water*	CMPT-012* - discontinued use CMPT-028	Not Available	Not Available
Microbial Panel 4, 10 Vials/2 DI Water*	CMPT-013* - discontinued use CMPT-031	Not Available	Not Available
Microbial Panel 5, 5 Vials/1 DI Water*	CMPT-016* - discontinued use CMPT-026	Not Available	Not Available
Microbial Panel 6, 5 Vials/1 DI Water*	CMPT-017* - discontinued use CMPT-029	Not Available	Not Available
Microbial Panel 7, 5 Vials*	CMPT-044* - discontinued use CMPT-027	Not Available	Not Available
Microbial Panel 8, 5 Vials*	CMPT-045* - discontinued use CMPT-030	Not Available	Not Available
Microbial Panel 9, 10 Vials*	CMPT-046* - discontinued use CMPT-033	Not Available	Not Available

* Former Emerald Scientific Part Number; cross match to suggested alternative NSI part number

Hemp/Cannabis Proficiency Testing Study Schedule

				Advised Order Deadlines	
Study Number	Study Open Date Shipping Samples	Study Close Date Results due 24:00 EST (GMT-5)	Final Reports Available Maximum 30 days after study closure	Last Order Date USA	Last Order Date International Outside USA
HEMP-0325	March 26, 2025	May 09, 2025	June 08, 2025	May 02, 2025	April 25, 2025
HEMP-0925	September 23, 2025	November 06, 2025	December 06, 2025	October 30, 2025	October 23, 2025



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