

Activation Laboratories list of methods

Test	Method	Instrumentation	Validation based on
Loss on Drying	USP <731>, USP <921>, EP 2.2.32	Oven	N/A
Water Activity	EP 2.9.39	Water activity meter	N/A
Foreign matter/Appearance	EP 2.8.2	Visual/weight	N/A
Arsenic	QOP Cannabis Heavy Metals Rev 3.2	ICP/MS	USP<1225>, USP <232>, USP<233>, EP 2.4.27
Cadmium	QOP Cannabis Heavy Metals Rev 3.2	ICP/MS	USP<1225>, USP <232>, USP<233>, EP 2.4.27
Lead	QOP Cannabis Heavy Metals Rev 3.2	ICP/MS	USP<1225>, USP <232>, USP<233>, EP 2.4.27
Mercury	QOP Cannabis Heavy Metals Rev 3.2	ICP/MS	USP<1225>, USP <232>, USP<233>, EP 2.4.27
Cobalt	QOP Cannabis Heavy Metals Rev 3.2	ICP/MS	USP<1225>, USP <232>, USP<233>, EP 2.4.27
Nickel	QOP Cannabis Heavy Metals Rev 3.2	ICP/MS	USP<1225>, USP <232>, USP<233>, EP 2.4.27
Vanadium	QOP Cannabis Heavy Metals Rev 3.2	ICP/MS	USP<1225>, USP <232>, USP<233>, EP 2.4.27
Pesticides	QOP Pesticides and Mycotoxins in Cannabis Rev 1.3	LCMS/MS	USP <621>, EP 2.8.18, HC list of Pesticides
Aflatoxin B1	QOP Pesticides and Mycotoxins in Cannabis Rev 1.3	LCMS/MS	USP <621>, EP 2.8.18, HC list of Aflatoxins
Total Aflatoxins (B1, B2, G1, G2)	QOP Pesticides and Mycotoxins in Cannabis Rev 1.3	LCMS/MS	USP <621>, EP 2.8.18, HC list of Aflatoxins
Total Aerobic Microbial Count	QOP Cannabis TAMC Rev 2.1	Plating	USP <61>, EP 2.6.12, EP 2.6.31, HC MFHPB-18
Total Yeasts and Molds	QOP Cannabis TYMC Rev 2.0	Plating	USP <61>, EP 2.6.12, EP 2.6.31, HC MFHPB-22
Bile Tolerant Gram Negative Bacteria	QOP Cannabis BT- GNB Rev 2.2	Plating	USP <62>, EP 2.6.13, EP 2.6.31
E.Coli	QOP Cannabis Micro by PCR Rev 2.2	PCR	USP <62>, EP 2.6.31
Salmonella spp	QOP Cannabis Micro by PCR Rev 2.2	PCR	USP <62>, EP 2.6.31
P.aeruginosa	QOP Cannabis Micro by PCR Rev 2.2	PCR	USP <62>, EP 2.6.31
S.aureus	QOP Cannabis Micro by PCR Rev 2.2	PCR	USP <62>, EP 2.6.31
Cannabidiol (CBD)	QOP Cannabinoids Rev 1.6	HPLC	N/A
Cannabidiolic Acid (CBDA)	QOP Cannabinoids Rev 1.6	HPLC	N/A
Total Calculated CBD	QOP Cannabinoids Rev 1.6	HPLC	N/A
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	QOP Cannabinoids Rev 1.6	HPLC	N/A
Delta 9-Tetrahydrocannabinolic Acid (Delta 9-THCA)	QOP Cannabinoids Rev 1.6	HPLC	N/A
Total Calculated THC	QOP Cannabinoids Rev 1.6	HPLC	N/A
Cannabinol (CBN)	QOP Cannabinoids Rev 1.6	HPLC	N/A
Cannabigerol (CBG)	QOP Cannabinoids Rev 1.6	HPLC	N/A
Cannabigerolic Acid (CBGA)	QOP Cannabinoids Rev 1.6	HPLC	N/A
Terpenes	QOP Terpenes Rev 1.4	GC/MS	N/A
Residual Solvents	QOP Cannabis Residual Solvents Rev 2.1	GC/MS	USP <467>