



Certificate of Analysis

Sample:KN20405011-011
Harvest/Lot ID: 220052011205001
Batch#: D80001
Seed to Sale# N/A
Batch Date: 04/04/22
Sample Size Received: 13 gram
Total Weight/Volume: N/A
Retail Product Size: 1 gram
ordered : 04/05/22
sampled : 04/05/22
Completed: 04/11/22 Expires: 04/11/23
Sampling Method: SOP Client Method

PASSED

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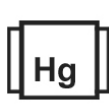
Apr 11, 2022 | Arvida Labs

2351 W. Atlantic Blvd
Pompano Beach, FL, 33066, US

PRODUCT IMAGE SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED



Residuals
Solvents
PASSED



Filtration
PASSED



Water Activity
NOT TESTED



Moisture
NOT TESTED



Terpenes
TESTED

MISC.



Cannabinoid

PASSED



Total THC
ND

Total THC/gram : 0 mg



D8-THC
91.2194%

D8-THC/gram : 912.194 mg



Total Cannabinoids
91.6959%

Total Cannabinoids/gram :
916.959 mg



| Analyze | Weight | Extraction date | Extracted By |
|--|---------------------------------|-----------------|--------------|
| 1 | 0.5307g | 04/05/22 | 1692 |
| Analyte | LOD | Pass/Fail | Result |
| Filtration and Foreign Material | 0.3 | Pass | ND |
| Analysis Method -SOP.T.40.013 | Batch Date : 04/05/22 12:49:41 | | |
| Analytical Batch -KN002200FIL | Reviewed On - 04/05/22 18:22:34 | | |
| Instrument Used : E-AMS-138 Microscope | | | |
| Running On : | | | |

| | TOTAL THC | TOTAL CBD | TOTAL CBG | CBDV | CBDA | CBGA | CBG | CBD | THCV | CBN | EXO-THC | D8-THC | D9-THC | D10-THC | CBG | THCA | D8-THCA | D9-THCA | THC-O |
|------|-----------|-----------|-----------|-------|-------|-------|-------|-------|-------|-------|---------|---------|--------|---------|-------|-------|---------|---------|-------|
| % | ND | 0.0652 | 0.211 | <0.01 | ND | 2.406 | ND | 0.652 | ND | 1.603 | ND | 91.2194 | ND | <0.1 | 0.104 | ND | ND | ND | ND |
| mg/g | ND | 0.652 | 2.11 | <0.1 | ND | 2.406 | ND | 0.652 | ND | 1.603 | ND | 912.194 | ND | <0.1 | 0.104 | ND | ND | ND | ND |
| LOD | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 | 0.002 |
| % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |

Cannabinoid Profile Test

| Analyzed by | Weight | Extraction date : | Extracted By : |
|-------------|---------|-------------------|----------------|
| 113 | 0.2065g | 04/06/22 10:04:46 | 143 |

Analysis Method -Expanded Measurement of Uncertainty: Flower Matrix d9-THC:12.7%, THCa: 9.5%, TOTAL THC 11.1%. These uncertainties represent an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor k=2 for a normal distribution.
Analytical Batch -KN002204POT Instrument Used : HPLC E-SHI-008 Running On :
Dilution : 40
Reagent : 081321.R04; 033122.R01; 031822.R11
Consumables : 947.251; 12123-046CC-046
Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV/PDA detection (HPLC-UV/PDA). (Method: SOP.T.30.031.TN for sample prep and Shimadzu High Sensitivity Method SOP.T.40.031 for analysis).
*Based on FL action limits.

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Sue Ferguson
Lab Director
State License # n/a
ISO Accreditation # 17025:2017

Sue Ferguson
Signature

04/11/22
Signed On



Certificate of Analysis

PASSED

Arvida Labs

2351 W. Atlantic Blvd
Pompano Beach, FL, 33066, US
Telephone: (305) 322-9822
Email: JJ@arvidalabs.com

Sample : KN20405011-011
Harvest/Lot ID: 220052011205001

Batch# : D80001
Sampled : 04/05/22
Odered : 04/05/22

Sample Size Received : 13 gram
Total Weight/Volume : N/A
Completed : 04/11/22 Expires: 04/11/23
Sample Method : SOP Client Method

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Terpenes

TESTED

| Terpenes | LOD(%) mg/g | % | Result (%) | Terpenes | LOD(%) mg/g | % | Result (%) |
|---------------------|-------------|---------|------------|-----------------|-------------|------|------------|
| TRANS-CARYOPHYLLENE | 0.007 | 6.292 | 0.6292 | HEXAHYDROTHYMOL | 0.007 | <0.2 | <0.02 |
| GUAIOL | 0.007 | ND | ND | EUCALYPTOL | 0.007 | ND | ND |
| LIMONENE | 0.007 | 10.5024 | 1.0502 | ISOBORNEOL | 0.007 | <0.2 | <0.02 |
| LINALOOL | 0.007 | 2.351 | 0.2351 | FARNESENE | 0.007 | ND | ND |
| NEROL | 0.007 | ND | ND | FENCHONE | 0.007 | ND | ND |
| OCIMENE | 0.007 | ND | ND | GAMMA-TERPINENE | 0.007 | ND | ND |
| ALPHA-PHELLANDRENE | 0.007 | ND | ND | GERANIOL | 0.007 | <0.2 | <0.02 |
| PULEGONE | 0.007 | ND | ND | | | | |
| SABINENE | 0.007 | ND | ND | | | | |
| SABINENE HYDRATE | 0.007 | ND | ND | | | | |
| TERPINEOL | 0.007 | 1.097 | 0.1097 | | | | |
| TERPINOLENE | 0.007 | 0.352 | 0.0352 | | | | |
| GERANYL ACETATE | 0.007 | ND | ND | | | | |
| TRANS-NEROLIDOL | 0.007 | ND | ND | | | | |
| VALENCENE | 0.007 | ND | ND | | | | |
| ISOPULEGOL | 0.007 | <0.2 | <0.02 | | | | |
| ALPHA-HUMULENE | 0.007 | 0.766 | 0.0766 | | | | |
| ALPHA-PINENE | 0.007 | 1.08 | 0.108 | | | | |
| ALPHA-TERPINENE | 0.007 | ND | ND | | | | |
| BETA-MYRCENE | 0.007 | 7.055 | 0.7055 | | | | |
| BETA-PINENE | 0.007 | 1.7149 | 0.1714 | | | | |
| BORNEOL | 0.013 | ND | ND | | | | |
| CAMPHENE | 0.007 | 0.329 | 0.0329 | | | | |
| CAMPHOR | 0.013 | <0.4 | <0.04 | | | | |
| CARYOPHYLLENE OXIDE | 0.007 | <0.2 | <0.02 | | | | |
| CEDROL | 0.007 | ND | ND | | | | |
| ALPHA-BISABOLOL | 0.007 | 0.788 | 0.0788 | | | | |
| ALPHA-CEDRENE | 0.007 | <0.2 | <0.02 | | | | |
| CIS-NEROLIDOL | 0.007 | ND | ND | | | | |
| 3-CARENE | 0.007 | <0.2 | <0.02 | | | | |
| FENCHYL ALCOHOL | 0.007 | 1.094 | 0.1094 | | | | |



Terpenes

TESTED

Analyzed by: 1 Weight: 0.9548g Extraction date: 04/06/22 06:04:40 Extracted By: 138

Analysis Method - SOP.T.40.090
Analytical Batch - KN002223TER
Instrument Used : E-SHI-109 Terpenes
Running On :
Batch Date : 04/06/22 15:48:42

Reviewed On - 04/11/22 19:37:47

Dilution : 10

Reagent :

Consumables :

Terpenoid profile screening is performed using GC-MS with Liquid Injection (Gas Chromatography - Mass Spectrometer) which can screen 38 terpenes using Method SOP.T.40.090 Terpenoid Analysis Via GC-MS, Analytes ISO Pending


Total (%)

3.342

Sue Ferguson

Lab Director

State License # n/a
ISO Accreditation # 17025:2017



Signature

04/11/22

Signed On



Certificate of Analysis

PASSED

Arvida Labs

 2351 W. Atlantic Blvd
 Pompano Beach, FL, 33066, US
 Telephone: (305) 322-9822
 Email: JJ@arvidalabs.com

 Sample : KN20405011-011
 Harvest/Lot ID: 220052011205001

 Batch# : D80001
 Sampled : 04/05/22
 Ordered : 04/05/22

 Sample Size Received : 13 gram
 Total Weight/Volume : N/A
 Completed : 04/11/22 Expires: 04/11/23
 Sample Method : SOP Client Method

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Pesticides

PASSED

| Pesticides | LOD | Units | Action Level | Pass/Fail | Result | Pesticides | LOD | Units | Action Level | Pass/Fail | Result |
|----------------------|------|-------|--------------|-----------|--------|--------------------|------|-------|--------------|-----------|--------|
| ABAMECTIN B1A | 0.01 | ppm | 0.3 | PASS | ND | PIPERONYL BUTOXIDE | 0.01 | ppm | 3 | PASS | ND |
| ACEPHATE | 0.01 | ppm | 3 | PASS | ND | PRALLETHRIN | 0.01 | ppm | 0.4 | PASS | ND |
| ACEQUINOCYL | 0.01 | ppm | 2 | PASS | ND | PROCONAZOLE | 0.01 | ppm | 1 | PASS | ND |
| ACETAMIPRID | 0.01 | ppm | 3 | PASS | ND | PROPOXUR | 0.01 | ppm | 0.1 | PASS | ND |
| ALDICARB | 0.01 | ppm | 0.1 | PASS | ND | PYRETHRINS | 0.01 | ppm | 1 | PASS | ND |
| AZOXYSTROBIN | 0.01 | ppm | 3 | PASS | ND | PYRIDABEN | 0.01 | ppm | 3 | PASS | ND |
| BIFENAZATE | 0.01 | ppm | 3 | PASS | ND | SPINETORAM | 0.01 | ppm | 3 | PASS | ND |
| BIFENTHRIN | 0.01 | ppm | 0.5 | PASS | ND | SPIROMESIFEN | 0.01 | ppm | 3 | PASS | ND |
| BOSCALID | 0.01 | ppm | 3 | PASS | ND | SPIROTETRAMAT | 0.01 | ppm | 3 | PASS | ND |
| CARBARYL | 0.01 | ppm | 0.5 | PASS | ND | SPIROXAMINE | 0.01 | ppm | 0.1 | PASS | ND |
| CARBOFURAN | 0.01 | ppm | 0.1 | PASS | ND | TEBUCONAZOLE | 0.01 | ppm | 1 | PASS | ND |
| CHLORANTRANILIPROLE | 0.01 | ppm | 3 | PASS | ND | THIACLOPRID | 0.01 | ppm | 0.1 | PASS | ND |
| CHLORMEQUAT CHLORIDE | 0.01 | ppm | 3 | PASS | ND | THIAMETHOXAM | 0.01 | ppm | 1 | PASS | ND |
| CHLORPYRIFOS | 0.01 | ppm | 0.1 | PASS | ND | TOTAL SPINOSAD | 0.01 | ppm | 3 | PASS | ND |
| CLOFENTZINE | 0.01 | ppm | 0.5 | PASS | ND | TRIFLOXYSTROBIN | 0.01 | ppm | 3 | PASS | ND |
| COUMAPHOS | 0.01 | ppm | 0.1 | PASS | ND | | | | | | |
| CYPERMETHRIN | 0.01 | ppm | 1 | PASS | ND | | | | | | |
| DAMINOZIDE | 0.01 | ppm | 0.1 | PASS | ND | | | | | | |
| DIAZANON | 0.01 | ppm | 0.2 | PASS | ND | | | | | | |
| DICHLORVOS | 0.01 | ppm | 0.1 | PASS | ND | | | | | | |
| DIMETHOATE | 0.01 | ppm | 0.1 | PASS | ND | | | | | | |
| DIMETHOMORPH | 0.01 | ppm | 3 | PASS | ND | | | | | | |
| ETHOPROPHOS | 0.01 | ppm | 0.1 | PASS | ND | | | | | | |
| ETOFENPROX | 0.01 | ppm | 0.1 | PASS | ND | | | | | | |
| ETOXAZOLE | 0.01 | ppm | 1.5 | PASS | ND | | | | | | |
| FENHEXAMID | 0.01 | ppm | 3 | PASS | ND | | | | | | |
| FENOXYCARB | 0.01 | ppm | 0.1 | PASS | ND | | | | | | |
| FENPYROXIMATE | 0.01 | ppm | 2 | PASS | ND | | | | | | |
| FIPRONIL | 0.01 | ppm | 0.1 | PASS | ND | | | | | | |
| FLONICAMID | 0.01 | ppm | 2 | PASS | ND | | | | | | |
| FLUDIOXONIL | 0.01 | ppm | 3 | PASS | ND | | | | | | |
| HEXYTHIAZOX | 0.01 | ppm | 2 | PASS | ND | | | | | | |
| IMAZALIL | 0.01 | ppm | 0.1 | PASS | ND | | | | | | |
| IMIDACLOPRID | 0.01 | ppm | 3 | PASS | ND | | | | | | |
| KRESOXIM-METHYL | 0.01 | ppm | 1 | PASS | ND | | | | | | |
| MALATHION | 0.01 | ppm | 2 | PASS | ND | | | | | | |
| METALAXYL | 0.01 | ppm | 3 | PASS | ND | | | | | | |
| METHIOCARB | 0.01 | ppm | 0.1 | PASS | ND | | | | | | |
| METHOMYL | 0.01 | ppm | 0.1 | PASS | ND | | | | | | |
| MEVINPHOS | 0.01 | ppm | 0.1 | PASS | ND | | | | | | |
| MYCLOBUTANIL | 0.01 | ppm | 3 | PASS | ND | | | | | | |
| NALED | 0.01 | ppm | 0.5 | PASS | ND | | | | | | |
| OXAMYL | 0.01 | ppm | 0.5 | PASS | ND | | | | | | |
| PACLOBUTRAZOL | 0.01 | ppm | 0.1 | PASS | ND | | | | | | |
| PERMETHRINS | 0.01 | ppm | 1 | PASS | ND | | | | | | |
| PHOSMET | 0.01 | ppm | 0.2 | PASS | ND | | | | | | |



Pesticides

PASSED

| | | | |
|---|--------------------------|---|----------------------------|
| Analyzed by 143 | Weight 0.5208g | Extraction date 04/05/22 01:04:17 | Extracted By 143 |
| Analysis Method - SOP.T.30.060, SOP.T.40.060, | | Reviewed On : 04/06/22 08:34:46 | |
| Analytical Batch : KN002202PES | | Batch Date : 04/05/22 13:36:32 | |
| Instrument Used : E-SHI-125 Pesticides | | | |
| Running On : 04/05/22 18:54:28 | | | |
| Dilution : 10 | | | |
| Reagent : 033122.R24; 110521.03; 031822.R01; 033022.R17; 033022.R18; 031822.R40 | | | |
| Consumables : 210419634; 947.251 | | | |
| Pesticide analysis is performed using LC-MSMS which can quantify down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 61 Pesticides. (Methods: SOP.T.30.065 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T40.065 Procedure for Pesticide Quantification Using LCMSMS). *Based on FL action limits. * | | | |

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Sue Ferguson

Lab Director

 State License # n/a
 ISO Accreditation # 17025:2017



Signature

04/11/22

Signed On



Certificate of Analysis

PASSED

Arvida Labs

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 Pompano Beach, FL, 33066, US
 Telephone: (305) 322-9822
 Email: JJ@arvidalabs.com

 Sample : KN20405011-011
 Harvest/Lot ID: 220052011205001

 Batch# : D80001
 Sampled : 04/05/22
 Ordered : 04/05/22

 Sample Size Received : 13 gram
 Total Weight/Volume : N/A
 Completed : 04/11/22 Expires: 04/11/23
 Sample Method : SOP Client Method

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Residual Solvents

PASSED

| Solvent | LOD | Units | Action Level | Pass/Fail | Result |
|--|------|-------|--------------|-----------|--------|
| PROPANE | 500 | ppm | 2100 | PASS | ND |
| BUTANES (N-BUTANE) | 500 | ppm | 2000 | PASS | ND |
| METHANOL | 25 | ppm | 3000 | PASS | ND |
| ETHYLENE OXIDE | 0.5 | ppm | 5 | PASS | ND |
| PENTANES (N-PENTANE) | 75 | ppm | 5000 | PASS | ND |
| ETHANOL | 500 | ppm | 5000 | PASS | ND |
| ETHYL ETHER | 50 | ppm | 5000 | PASS | ND |
| 1,1-DICHLOROETHENE | 0.8 | ppm | 8 | PASS | ND |
| ACETONE | 75 | ppm | 5000 | PASS | ND |
| 2-PROPANOL | 50 | ppm | 500 | PASS | ND |
| ACETONITRILE | 6 | ppm | 410 | PASS | ND |
| DICHLOROMETHANE | 12.5 | ppm | 600 | PASS | ND |
| N-HEXANE | 25 | ppm | 290 | PASS | ND |
| ETHYL ACETATE | 40 | ppm | 5000 | PASS | ND |
| CHLOROFORM | 0.2 | ppm | 60 | PASS | ND |
| BENZENE | 0.1 | ppm | 2 | PASS | ND |
| 1,2-DICHLOROETHANE | 0.2 | ppm | 5 | PASS | ND |
| HEPTANE | 500 | ppm | 5000 | PASS | ND |
| TRICHLOROETHYLENE | 2.5 | ppm | 80 | PASS | ND |
| TOLUENE | 15 | ppm | 890 | PASS | ND |
| TOTAL XYLENES - M, P & O - DIMETHYLBENZENE | 15 | ppm | 2170 | PASS | ND |



Residual Solvents

PASSED

| | | | |
|------------------|--------------------|--------------------------------------|---------------------|
| Analyzed by 1 | Weight 0.02873g | Extraction date 04/06/22 04:04:19 | Extracted By 138 |
|------------------|--------------------|--------------------------------------|---------------------|

Analysis Method -SOP.T.40.032

Analytical Batch -KN002209SOL

Instrument Used : E-SHI-106 Residual Solvents

Running On :

Batch Date : 04/05/22 15:39:57

Reviewed On - 04/08/22 17:44:08

Dilution : 1

Reagent :

Consumables :

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 22 residual solvents. (Method: SOP.T.40.032 Residual Solvents Analysis via GC-MS). Analytes ISO pending. *Based on FL action limits.



Certificate of Analysis

PASSED

Arvida Labs

 2351 W. Atlantic Blvd
 Pompano Beach, FL, 33066, US
 Telephone: (305) 322-9822
 Email: JJ@arvidalabs.com

 Sample : KN20405011-011
 Harvest/Lot ID: 220052011205001

 Batch# : D80001
 Sampled : 04/05/22
 Ordered : 04/05/22

 Sample Size Received : 13 gram
 Total Weight/Volume : N/A
 Completed : 04/11/22 Expires: 04/11/23
 Sample Method : SOP Client Method

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| | | | | | |
|---|-------------------|---------------|---|-------------------|---------------|
|  | Microbials | PASSED |  | Mycotoxins | PASSED |
|---|-------------------|---------------|---|-------------------|---------------|

| Analyte | LOD | Result | Pass / Fail |
|-------------------------------|-------|--------|-------------|
| LISTERIA MONOCYTOGENE | 2000 | ND | TESTED |
| ESCHERICHIA COLI SHIGELLA SPP | 1726 | ND | PASS |
| SALMONELLA SPECIFIC GENE | 10000 | ND | PASS |
| ASPERGILLUS FLAVUS | 10000 | ND | PASS |
| ASPERGILLUS FUMIGATUS | 10000 | ND | PASS |
| ASPERGILLUS NIGER | 10000 | ND | PASS |
| ASPERGILLUS TERREUS | 10000 | ND | PASS |

Analysis Method -SOP.T.40.043

Analytical Batch -KN002201MIC Batch Date : 04/05/22 12:52:45

Instrument Used : Micro E-HEW-069

Running On :

| Analyzed by | Weight | Extraction date | Extracted By |
|-------------|---------|-------------------|--------------|
| 1 | 1.0381g | 04/05/22 03:04:45 | 1692 |

Dilution : 1

Reagent : 021522.03; 030121.01; 121521.01; 122021.01

Consumables :

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.043) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

| Analyte | LOD | Units | Result | Pass / Fail | Action Level |
|------------------|-------|-------|--------|-------------|--------------|
| AFLATOXIN G2 | 0.002 | ppm | ND | PASS | 0.02 |
| AFLATOXIN G1 | 0.002 | ppm | ND | PASS | 0.02 |
| AFLATOXIN B2 | 0.002 | ppm | ND | PASS | 0.02 |
| AFLATOXIN B1 | 0.002 | ppm | ND | PASS | 0.02 |
| OCHRATOXIN A+ | 0.002 | ppm | ND | PASS | 0.02 |
| TOTAL MYCOTOXINS | 0.002 | ppm | ND | TESTED | |

Analysis Method -SOP.T.30.060, SOP.T.40.060

Analytical Batch -KN002203MYC | Reviewed On - 04/06/22 08:45:47

Instrument Used : E-SHI-125 Mycotoxins

Running On : 04/05/22 18:58:54 | Batch Date : 04/05/22 13:39:52

| Analyzed by | Weight | Extraction date | Extracted By |
|-------------|---------|-------------------|--------------|
| 143 | 0.5208g | 04/05/22 01:04:17 | 143 |

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.060 for Sample Preparation and SOP.T40.060 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Total Aflatoxins (Aflatoxin B1, B2, G1, G2) must be <20µg/Kg. Ochratoxins must be <20µg/Kg. Analytes ISO pending. *Based on FL action limits.

| | | |
|---|---------------------|---------------|
|  | Heavy Metals | PASSED |
|---|---------------------|---------------|

| Metal | LOD | Unit | Result | Pass / Fail | Action Level |
|------------|------|------|--------|-------------|--------------|
| ARSENIC-AS | 0.02 | ppm | ND | PASS | 1.5 |
| CADMIUM-CD | 0.02 | ppm | ND | PASS | 0.5 |
| MERCURY-HG | 0.02 | ppm | ND | PASS | 3 |
| LEAD-PB | 0.02 | ppm | ND | PASS | 0.5 |

| Analyzed by | Weight | Extraction date | Extracted By |
|-------------|---------|-------------------|--------------|
| 1 | 0.2548g | 04/09/22 04:04:46 | 12 |

Analysis Method -SOP.T.40.050, SOP.T.30.052

Analytical Batch -KN002205HEA | Reviewed On - 04/08/22 18:23:44

Instrument Used : Metals ICP/MS

Running On : | Batch Date : 04/05/22 14:22:37

Dilution : 50

Reagent : 121421.04; 011022.R08; 020422.R07; 011022.R07

Consumables : 107702-05-081520; 12235-110CD-110C

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.052 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050 Heavy Metals Analysis via ICP-MS.