



Certificate of Analysis

Sample:KN20405013-016
Harvest/Lot ID: 220052021211001
Batch#: D100001
Seed to Sale# N/A
Batch Date: N/A
Sample Size Received: 11 gram
Total Weight/Volume: N/A
Retail Product Size: 1 gram
ordered : 04/05/22
sampled : 04/05/22
Completed: 04/18/22
Sampling Method: SOP Client Method

Apr 18, 2022 | Arvida Labs
2351 W. Atlantic Blvd
Pompano Beach, FL, 33066, US

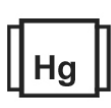
TESTED

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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

TESTED



D8-THC
2.9172%
D8-THC/gram : 29.172 mg



D10-THC
80.6473%
D10-THC/gram : 806.473 mg



Total Cannabinoids
86.4444%
Total Cannabinoids/gram :
864.444 mg

| ANALYTE | UNIT | CONCENTRATION | LOD |
|-----------|------|---------------|-------|
| TOTAL THC | % | 86.4444 | 0.001 |
| TOTAL CBD | % | ND | 0.001 |
| TOTAL CBG | % | ND | 0.001 |
| CBDV | % | ND | 0.001 |
| CBDA | % | ND | 0.001 |
| CBGA | % | ND | 0.001 |
| CBG | % | ND | 0.001 |
| CBD | % | ND | 0.001 |
| THCV | % | ND | 0.001 |
| CBN | % | ND | 0.001 |
| EXO-THC | % | ND | 0.002 |
| D8-THC | % | 2.9172 | 0.001 |
| D9-THC | % | ND | 0.001 |
| D10-THC | % | 80.6473 | 0.001 |
| CBG | % | ND | 0.001 |
| THCA | % | ND | 0.001 |
| D8-THCA | % | ND | 0.002 |
| D9-THCA | % | ND | 0.002 |
| THC-O | % | ND | 0.002 |

Filtration PASSED

| Analyzed By | Weight | Extraction date | Extracted By |
|--|------------------------|-----------------|--------------|
| 1 | 0.5627g | 04/06/22 | 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 | 18:31:54 | |
| Analytical Batch -KN002220FIL | Reviewed On - 04/07/22 | 08:22:11 | |
| Instrument Used : E-AMS-138 Microscope | | | |
| Running On : | | | |

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. A SW-2T13 Stereo Microscope is used for inspection.

Cannabinoid Profile Test

Analyzed by 1 Weight 0.2273g Extraction date : 04/06/22 10:04:16 Extracted By : 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. Reviewed On - 04/07/22 11:02:41 Batch Date : 04/05/22 17:08:19

Analytical Batch -KN002217POT 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

04/18/22

Signed On



Certificate of Analysis

TESTED

Arvida Labs

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

Sample : KN20405013-016
Harvest/Lot ID: 220052021211001

Batch# : D100001
Sampled : 04/05/22
Odered : 04/05/22

Sample Size Received : 11 gram
Total Weight/Volume : N/A
Completed : 04/18/22 Expires: 04/18/23
Sample Method : SOP Client Method

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Terpenes

TESTED

| Terpenes | LOD(%) mg/g | % | Result (%) |
|---------------------|-------------|---------|------------|
| TRANS-CARYOPHYLLENE | 0.007 | 4.973 | 0.4973 |
| GUAIOL | 0.007 | 0.599 | 0.0599 |
| LIMONENE | 0.007 | 1.226 | 0.1226 |
| LINALOOL | 0.007 | 2.068 | 0.2068 |
| NEROL | 0.007 | ND | ND |
| OCIMENE | 0.007 | ND | ND |
| ALPHA-PHELLANDRENE | 0.007 | ND | ND |
| PULEGONE | 0.007 | ND | ND |
| SABINENE | 0.007 | ND | ND |
| SABINENE HYDRATE | 0.007 | ND | ND |
| TERPINEOL | 0.007 | ND | ND |
| TERPINOLENE | 0.007 | 34.5551 | 3.4555 |
| GERANYL ACETATE | 0.007 | ND | ND |
| TRANS-NEROLIDOL | 0.007 | <0.2 | <0.02 |
| VALENCENE | 0.007 | <0.2 | <0.02 |
| ISOPULEGOL | 0.007 | ND | ND |
| ALPHA-HUMULENE | 0.007 | 2.39 | 0.239 |
| ALPHA-PINENE | 0.007 | 0.767 | 0.0767 |
| ALPHA-TERPINENE | 0.007 | ND | ND |
| BETA-MYRCENE | 0.007 | 1.747 | 0.1747 |
| BETA-PINENE | 0.007 | 0.205 | 0.0205 |
| BORNEOL | 0.013 | ND | ND |
| CAMPHENE | 0.007 | ND | ND |
| CAMPHOR | 0.013 | ND | ND |
| CARYOPHYLLENE OXIDE | 0.007 | 0.511 | 0.0511 |
| CEDROL | 0.007 | ND | ND |
| ALPHA-BISABOLOL | 0.007 | 2.28 | 0.228 |
| ALPHA-CEDRENE | 0.007 | ND | ND |
| CIS-NEROLIDOL | 0.007 | ND | ND |
| 3-CARENE | 0.007 | ND | ND |
| FENCHYL ALCOHOL | 0.007 | 0.25 | 0.025 |

| Terpenes | LOD(%) mg/g | % | Result (%) |
|-----------------|-------------|-------|------------|
| HEXAHYDROTHYMOL | 0.007 | ND | ND |
| EUCALYPTOL | 0.007 | ND | ND |
| ISOBORNEOL | 0.007 | ND | ND |
| FARNESENE | 0.007 | ND | ND |
| FENCHONE | 0.007 | ND | ND |
| GAMMA-TERPINENE | 0.007 | 0.599 | 0.0599 |
| GERANIOL | 0.007 | ND | ND |



Terpenes

TESTED


| | | | |
|---|-------------------|--------------------------------------|---------------------|
| Analyzed by 1 | Weight 1.0098g | Extraction date 04/11/22 02:04:52 | Extracted By 138 |
| Analysis Method - SOP.T.40.090 | | Reviewed On - 04/18/22 11:32:25 | |
| Analytical Batch - KN002236TER | | | |
| Instrument Used : E-SHI-109 Terpenes | | | |
| Running On : | | | |
| Batch Date : 04/08/22 09:12:19 | | | |
| 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 (%) 5.217

Sue Ferguson

Lab Director

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



Signature

04/18/22

Signed On



Certificate of Analysis

TESTED

Arvida Labs

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

Sample : KN20405013-016
Harvest/Lot ID: 220052021211001

Batch# : D100001
Sampled : 04/05/22
Ordered : 04/05/22

Sample Size Received : 11 gram
Total Weight/Volume : N/A
Completed : 04/18/22 Expires: 04/18/23
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 | 0.1292 |
| ACEPHATE | 0.01 | ppm | 3 | PASS | ND | PRALLETHRIN | 0.01 | ppm | 0.4 | PASS | ND |
| ACEQUINOCYL | 0.01 | ppm | 2 | PASS | ND | PROPICONAZOLE | 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 1 **Weight** 0.5213g **Extraction date** 04/05/22 06:04:35 **Extracted By** 143

Analysis Method - SOP.T.30.060, SOP.T.40.060, **Reviewed On** : 04/08/22 08:40:27

Analytical Batch : KN002211PES

Instrument Used : E-SHI-125 Pesticides **Batch Date** : 04/05/22 16:00:44

Running On : 04/05/22 18:54:50

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

Sue Ferguson
Signature

04/18/22

Signed On



Certificate of Analysis

TESTED

Arvida Labs

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

 Sample : KN20405013-016
 Harvest/Lot ID: 220052021211001

 Batch# : D100001
 Sampled : 04/05/22
 Ordered : 04/05/22

 Sample Size Received : 11 gram
 Total Weight/Volume : N/A
 Completed : 04/18/22 Expires: 04/18/23
 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 0.02195g | Extraction date 04/08/22 05:04:21 | Extracted By 138 |
|------------------|--------------------|--------------------------------------|---------------------|

Analysis Method -SOP.T.40.032

Analytical Batch -KN002232SOL

Instrument Used : E-SHI-106 Residual Solvents

Running On :

Batch Date : 04/07/22 16:26:18

Reviewed On - 04/11/22 15:47:56

Dilution : 1

Reagent :

Consumables : R2017.099; G201.120

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

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Arvida Labs

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

Sample : KN20405013-016
Harvest/Lot ID: 220052021211001

Batch# : D100001
Sampled : 04/05/22
Odered : 04/05/22

Sample Size Received : 11 gram
Total Weight/Volume : N/A
Completed : 04/18/22 Expires: 04/18/23
Sample Method : SOP Client Method

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

| Analyte | LOD | Result | Pass / Fail |
|-------------------------------|-------|--------|-------------|
| LISTERIA MONOCYTOGENE | 2000 | ND | PASS |
| 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 -KN002221MIC Batch Date : 04/05/22 18:32:33

Instrument Used : Micro E-HEW-069

Running On :

| Analyzed by | Weight | Extraction date | Extracted By |
|-------------|---------|-------------------|--------------|
| 1 | 1.0285g | 04/06/22 04:04:39 | 1692 |

Dilution : 1

Reagent : 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 | PASS | 0.02 |

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

Analytical Batch -KN002212MYC | Reviewed On - 04/07/22 15:41:41

Instrument Used : E-SHI-125 Mycotoxins

Running On : 04/05/22 19:00:32 | Batch Date : 04/05/22 16:01:59

| Analyzed by | Weight | Extraction date | Extracted By |
|-------------|---------|-------------------|--------------|
| 143 | 0.5213g | 04/06/22 09:04:00 | 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 | 0.2577g | 04/09/22 04:04:25 | 12 |

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

Analytical Batch -KN002215HEA | Reviewed On - 04/08/22 18:18:26

Instrument Used : Metals ICP/MS

Running On : | Batch Date : 04/05/22 16:11:16

Dilution : 1

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.