



# kca

**KCA Laboratories**  
232 North Plaza Drive  
Nicholasville, KY 40356

+1-833-KCA-LABS  
https://kcalabs.com  
KDA Lic.# P\_0058

## Certificate of Analysis

### 092021iso-org-002

Sample ID: SA-09222021-4307  
Batch: 092021iso-org-002  
Type: In-Process Materials  
Matrix: Concentrate - Isolate

Received: 09/28/2021  
Completed: 11/15/2021

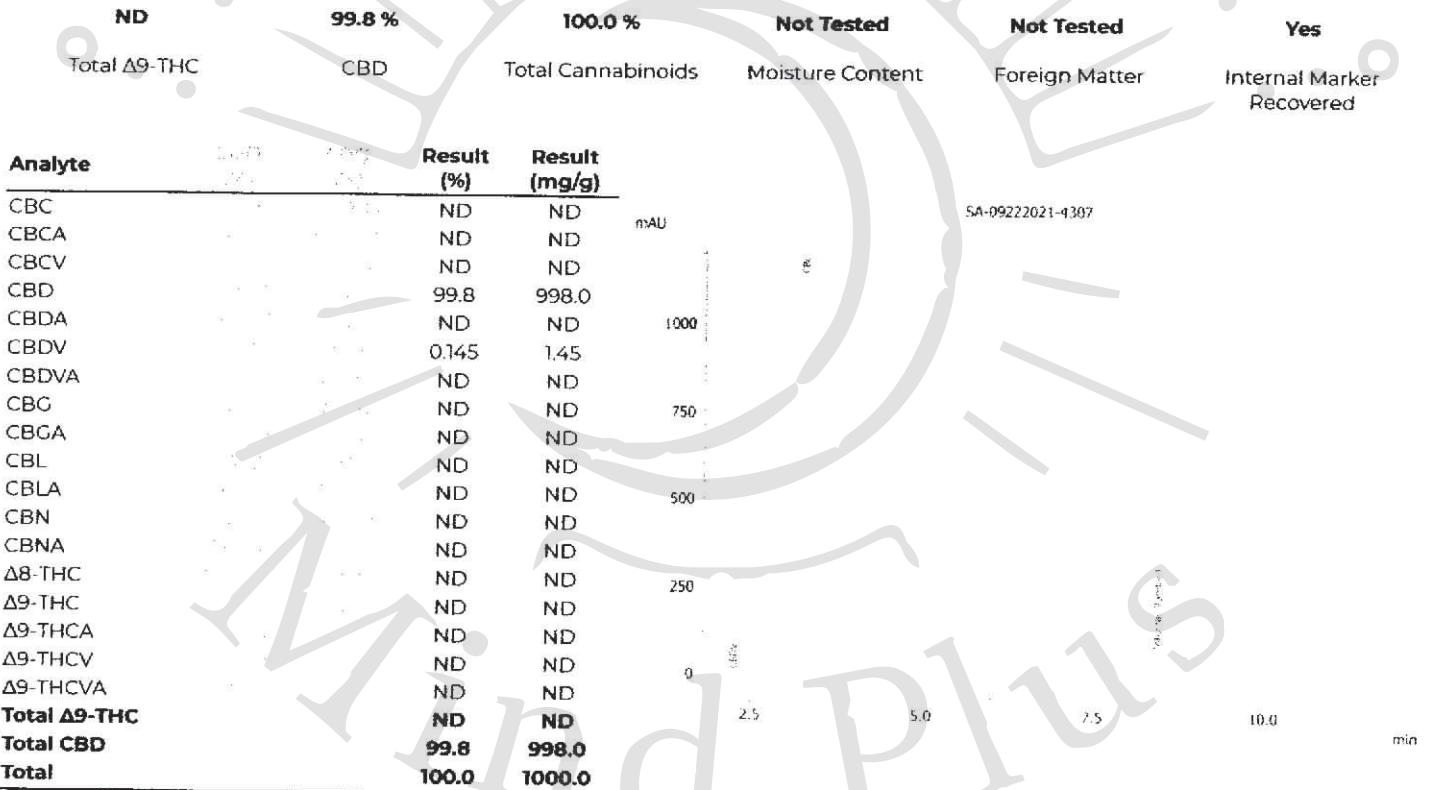
#### Client

M-FOR LLC (dba Forgotten Trails CBD)  
710 Artisan Way, Suite B  
Dayton, WA 99328  
USA  
Lic. #: 604496697

### Summary

Test	Tested On	Result
Cannabinoids	10/15/2021	Tested
Cannabinoids (Additional)	10/15/2021	Tested
Heavy Metals	11/15/2021	Tested
Microbials	11/10/2021	Tested
Mycotoxins	11/15/2021	Tested
Pesticides	11/15/2021	Tested
Residual Solvents	11/15/2021	Tested

### Cannabinoids by HPLC-PDA



ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA \* 0.877 + Δ9-THC; Total CBD = CBDA \* 0.877 + CBD

11/15/2021



ISO/IEC 17025:2017 Accredited  
Accreditation #108651



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**Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS**

Analyte	Result (%)	Result (mg/g)
CBE	ND	ND
CBT	ND	ND

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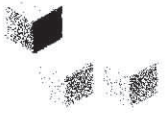


*J. Colwell*

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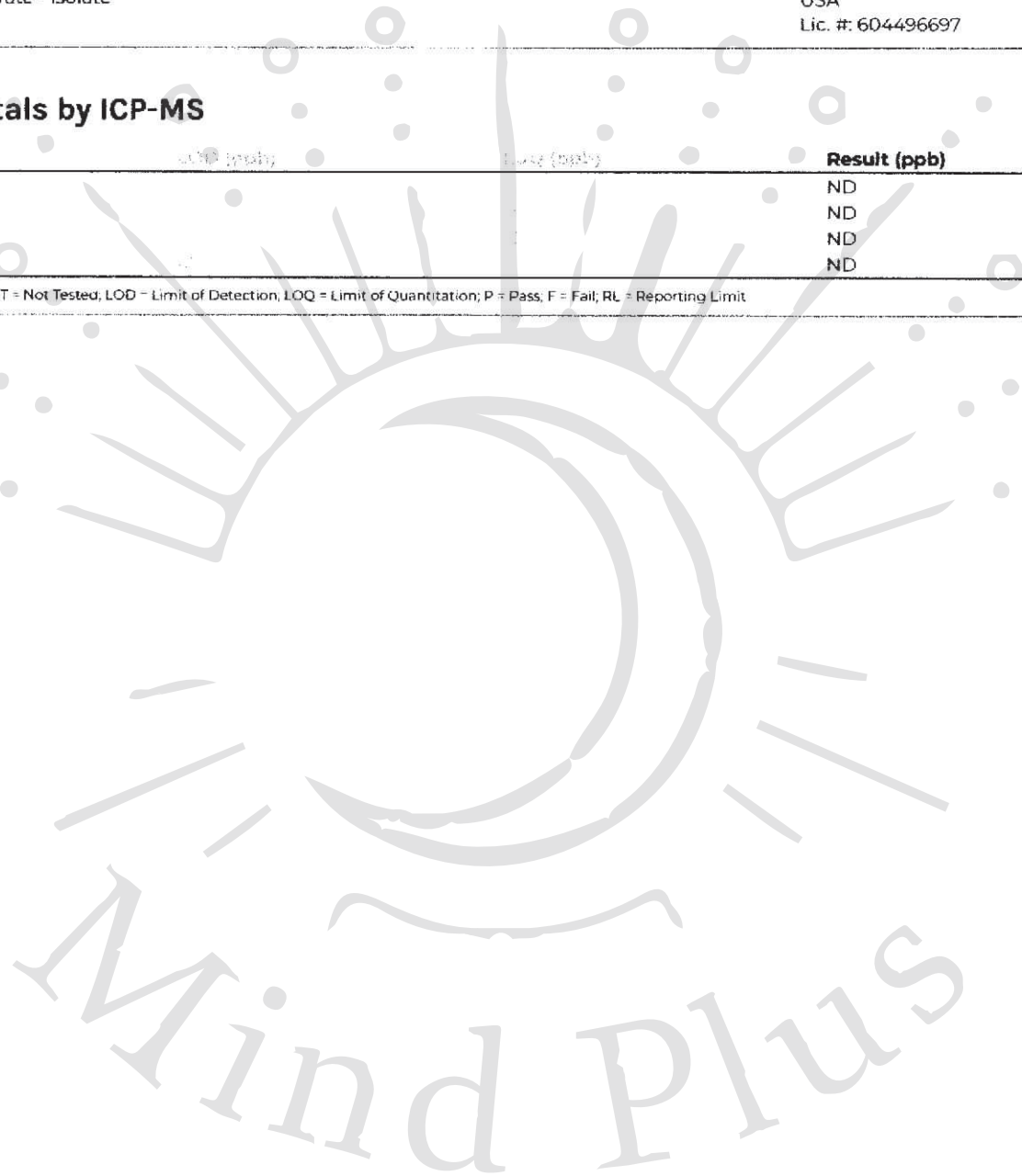
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**Heavy Metals by ICP-MS**

Analyte	Result (ppb)
Arsenic	ND
Cadmium	ND
Lead	ND
Mercury	ND

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*[Handwritten Signature]*

11/15/2021



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**Pesticides by LC-MS/MS and GC-MS/MS**

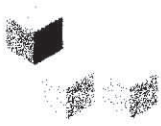
Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Abamectin	0.1	0.2	ND	Hexythiazox	0.1	0.2	ND
Acephate	0.1	0.2	ND	Imazalil	0.1	0.2	ND
Acequinocyl	0.1	0.2	ND	imidacloprid	0.1	0.2	ND
Acetamiprid	0.1	0.2	ND	Kresoxim methyl	0.1	0.2	ND
Aldicarb	0.1	0.2	ND	Malathion	0.1	0.2	ND
Azoxystrobin	0.1	0.2	ND	Metalaxyl	0.1	0.2	ND
Bifenazate	0.1	0.2	ND	Methiocarb	0.1	0.2	ND
Bifenthrin	0.1	0.2	ND	Methomyl	0.1	0.2	ND
Boscalid	0.1	0.2	ND	Mevinphos	0.1	0.2	ND
Carbaryl	0.1	0.2	ND	Myclobutanil	0.1	0.2	ND
Carbofuran	0.1	0.2	ND	Naled	0.1	0.2	ND
Chloranthraniliprole	0.1	0.2	ND	Oxamyl	0.1	0.2	ND
Chlorfenapyr	0.1	0.2	ND	Paclobotrazol	0.1	0.2	ND
Chlorpyrifos	0.1	0.2	ND	Permethrin	0.1	0.2	ND
Clofentezine	0.1	0.2	ND	Phosmet	0.1	0.2	ND
Coumaphos	0.1	0.2	ND	Piperonyl Butoxide	0.1	0.2	ND
Cypermethrin	0.1	0.2	ND	Prallethrin	0.1	0.2	ND
Daminozide	0.1	0.2	ND	Propiconazole	0.1	0.2	ND
Diazinon	0.1	0.2	ND	Propoxur	0.1	0.2	ND
Dichlorvos	0.1	0.2	ND	Pyrethrins	0.1	0.2	ND
Dimethoate	0.1	0.2	ND	Pyridaben	0.1	0.2	ND
Dimethomorph	0.1	0.2	ND	Spinetoram	0.1	0.2	ND
Ethoprophos	0.1	0.2	ND	Spinosad	0.1	0.2	ND
Etofenprox	0.1	0.2	ND	Spiromesifen	0.1	0.2	ND
Etoazole	0.1	0.2	ND	Spirotetramat	0.1	0.2	ND
Fenhexamid	0.1	0.2	ND	Spiroxamine	0.1	0.2	ND
Fenoxycarb	0.1	0.2	ND	Tebuconazole	0.1	0.2	ND
Fenpyroximate	0.1	0.2	ND	Thiacloprid	0.1	0.2	ND
Fonicamid	0.1	0.2	ND	Thiamethoxam	0.1	0.2	ND
				Trifloxystrobin	0.1	0.2	ND

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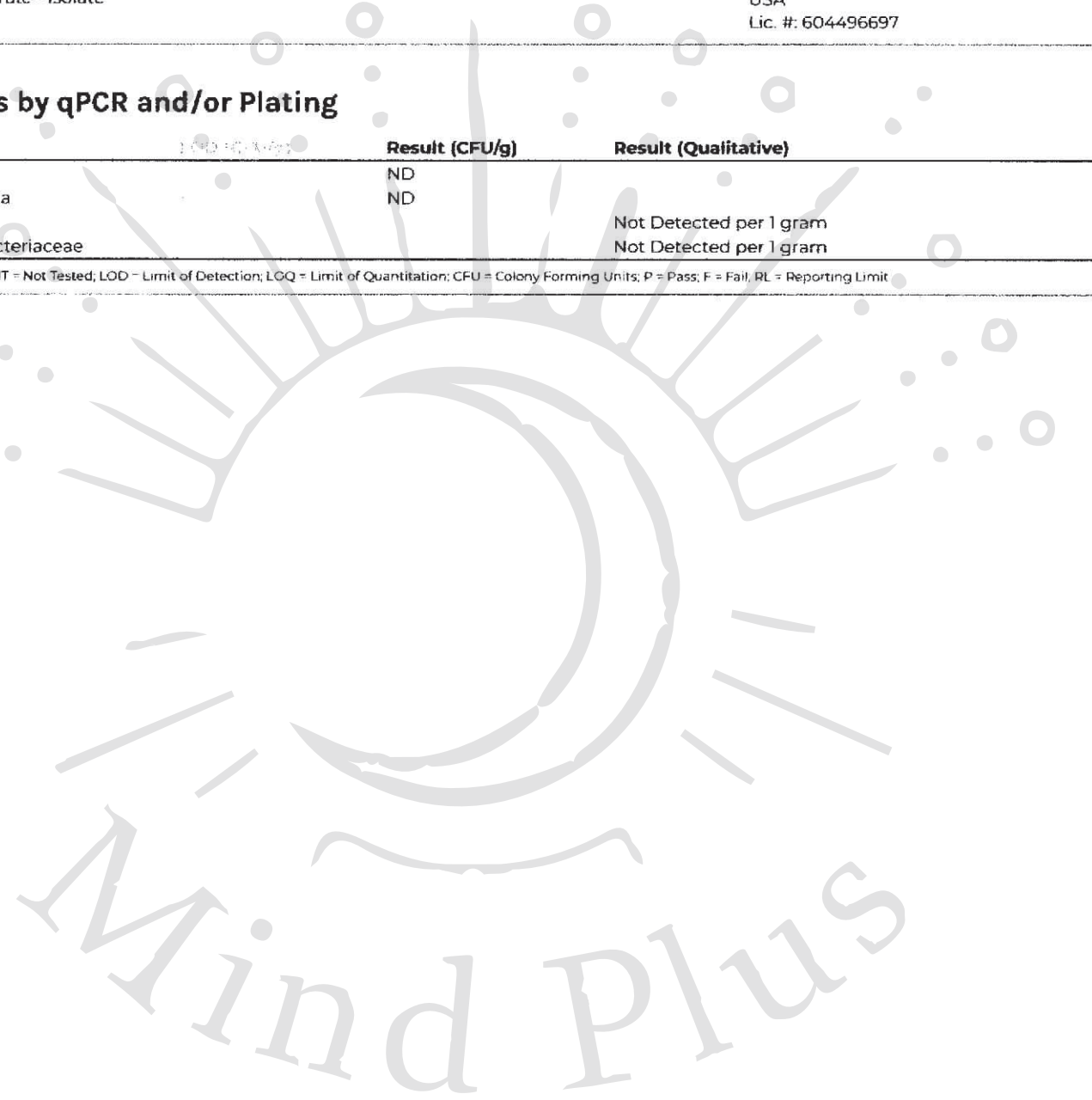
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**Microbials by qPCR and/or Plating**

Analyte	Result (CFU/g)	Result (Qualitative)
Coliforms	ND	
Aerobic Bacteria	ND	
Salmonella		Not Detected per 1 gram
Total Enterobacteriaceae		Not Detected per 1 gram

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*John*

11/15/2021



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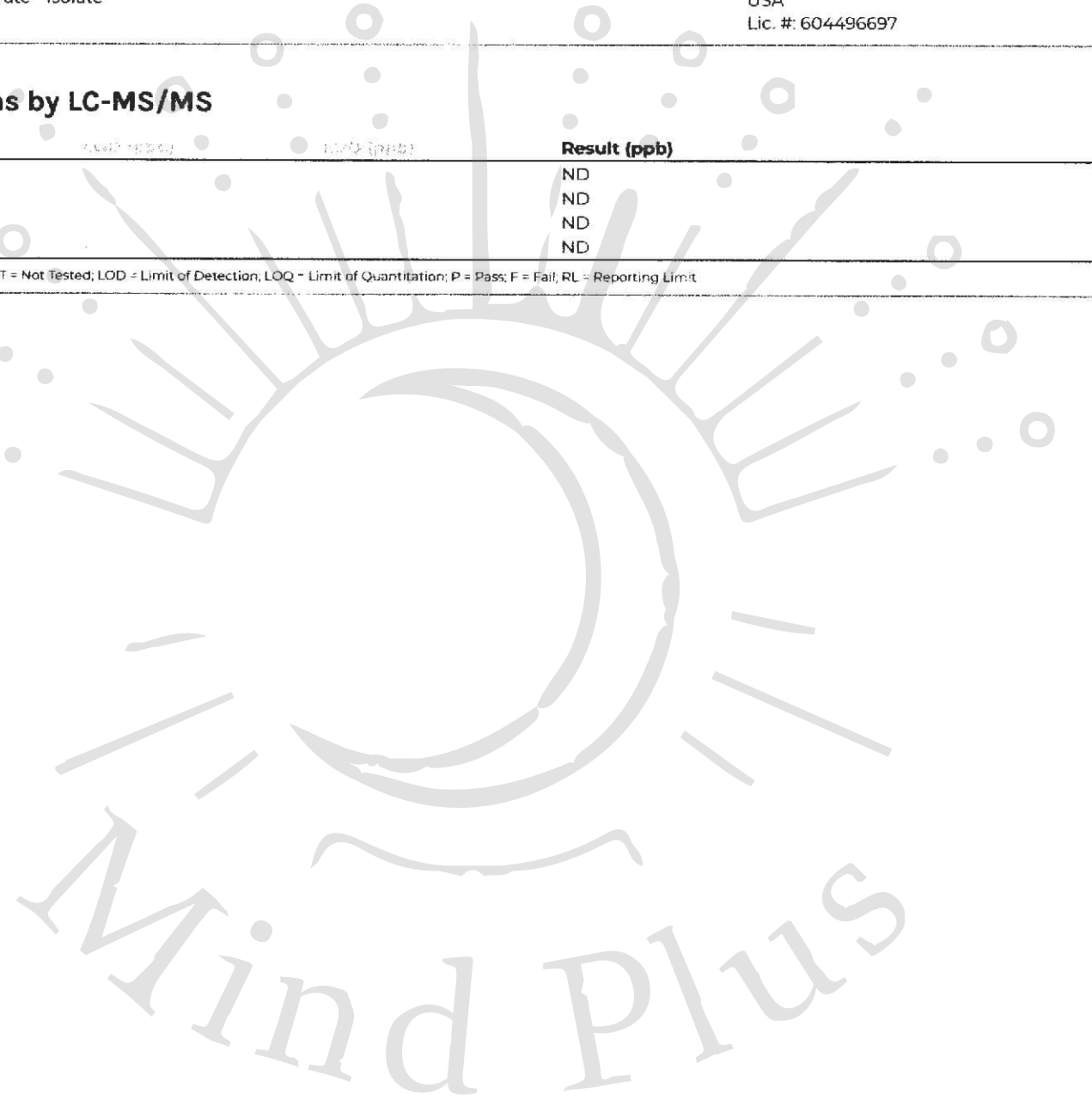
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**Mycotoxins by LC-MS/MS**

Analyte	Result (ppb)
B1	ND
B2	ND
G1	ND
G2	ND

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*John Doe*

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**Residual Solvents by HS-GC-MS/MS**

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Acetone	10	20	ND	Ethylene Oxide	10	20	ND
Acetonitrile	10	20	ND	Heptane	10	20	ND
Benzene	10	20	ND	n-Hexane	10	20	ND
Butane	10	20	ND	Isobutane	10	20	ND
1-Butanol	10	20	ND	Isopropyl Acetate	10	20	ND
2-Butanol	10	20	ND	Isopropyl Alcohol	10	20	ND
2-Butanone	10	20	ND	Isopropylbenzene	10	20	ND
Chloroform	10	20	ND	Methanol	10	20	ND
Cyclohexane	10	20	ND	2-Methylbutane	10	20	ND
1,2-Dichloroethane	10	20	ND	Methylene Chloride	10	20	ND
1,2-Dimethoxyethane	10	20	ND	2-Methylpentane	10	20	ND
Dimethyl Sulfoxide	10	20	ND	3-Methylpentane	10	20	ND
N,N-Dimethylacetamide	10	20	ND	n-Pentane	10	20	ND
2,2-Dimethylbutane	10	20	ND	1-Pentanol	10	20	ND
N,N-Dimethylformamide	10	20	ND	n-Propane	10	20	ND
2,2-Dimethylpropane	10	20	ND	1-Propanol	10	20	ND
1,4-Dioxane	10	20	ND	Pyridine	10	20	ND
Ethanol	10	20	ND	Tetrahydrofuran	10	20	ND
2-Ethoxyethanol	10	20	ND	Toluene	10	20	ND
Ethyl Acetate	10	20	ND	Trichloroethylene	10	20	ND
Ethyl Ether	10	20	ND	Tetramethylene Sulfone	10	20	ND
Ethylbenzene	10	20	ND	Xylenes (o-, m-, and p-)	10	20	ND
Ethylene Glycol	10	20	ND				

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