KCA Laboratories
1509 Bull Lea Rd, Ste 100
Lexington, KY 40511

+1-833-KCA-LABS
https://kcalabs.com
KDA Lic.# P_0058

Certificate of Analysis

CHUMM JONG UN

Sample ID: SA-260817-85052
Batch: WZ-AG81260
Type: Plant Material
Matrix: Plant - Flower
Unit Mass (g):
Expiration Date: 06/25/2028

Received: 07/07/2026
Completed: 07/07/2026

Manufacturer

Client
Super Scientific
10910 NW 144st
Hialeah Gardens, FL 33018
USA

Summary

Test	Date	Status
Cannabinoids	06/15/2026	Tested
Moisture	06/15/2026	Tested
Prohibited Substances by HS-GC-MS	06/25/2026	Tested
Water Activity	07/07/2026	Tested
Heavy Metals	06/25/2026	Tested
Microbials	06/25/2026	Tested
Mycotoxins	06/25/2026	Tested
Pesticides	06/25/2026	Tested
Residual Solvents	06/25/2026	Tested

The current and valid permit number for the facility issued by the client's regulatory entity is stated above, indicating that the facility meets the human health or food safety sanitization requirements of FDACS as evidenced by the valid permit number.

0.158 %	17.1 %	18.7 %	8.09 %	Not Tested	Yes
Total Δ9-THC	CBGA	Total Cannabinoids	Moisture Content	Foreign Matter	Internal Standard Normalization

Cannabinoids by HPLC-PDA and GC-MS/MS

Analyte	LOD (%)	LOQ (%)	MU	Result (% dry)	Result (mg/g dry)
CBC	0.00095	0.0028	9.7%	0.230	2.30
CBCA	0.00181	0.0054	9.7%	0.299	2.99
CBCV	0.0006	0.0018	9.7%	ND	ND
CBD	0.00081	0.0024	9.7%	ND	ND
CBDA	0.00043	0.0013	9.7%	ND	ND
CBDV	0.00061	0.0018	9.7%	ND	ND
CBDVA	0.00021	0.0006	9.7%	ND	ND
CBG	0.00057	0.0017	9.7%	0.861	8.61
CBGA	0.00049	0.0015	9.7%	17.1	171
CBL	0.00112	0.0033	9.7%	ND	ND
CBLA	0.00124	0.0037	9.7%	ND	ND
CBN	0.00056	0.0017	9.7%	0.00348	0.0348
CBNA	0.0006	0.0018	9.7%	ND	ND
CBT	0.0018	0.0054	9.7%	ND	ND
Δ8-THC	0.00104	0.0031	9.7%	ND	ND
Δ9-THC	0.00076	0.0023	9.7%	0.107	1.07
Δ9-THCA	0.00084	0.0025	9.7%	0.0581	0.581
Δ9-THCV	0.00069	0.0021	9.7%	ND	ND
Δ9-THCVA	0.00062	0.0019	9.7%	ND	ND
Total Δ9-THC				**0.15791**	**1.58**
Total				**18.7**	**187**

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The reported expanded measurement uncertainty (MU) is stated as the combined standard measurement uncertainty multiplied by a combined measurement uncertainty factor (e.g., k = 2) such that the coverage probability corresponds to 95%

Generated By: Cindy Juett
Business Administrator
Date: 08/18/2026

Tested By: Kelsey Rogers
Senior Scientist
Date: 06/15/2026

ilac-MRA
PJLA Testing
ISO/IEC 17025:2017 Accredited
Accreditation #108651

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Heavy Metals by ICP-MS

Analyte	LOD (ppm)	LOQ (ppm)	MU	Result (ppm)
Arsenic	0.002	0.02	19%	0.0350
Cadmium	0.002	0.02	8.6%	0.0440
Lead	0.005	0.05	23%	<LOQ
Mercury	0.005	0.01	30%	0.0260

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Generated By: Cindy Juett
Business Administrator
Date: 08/18/2026

Tested By: Annie Velazquez
Assistant Scientist
Date: 06/25/2026

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

Analyte	LOD (ppb)	LOQ (ppb)	MU	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	MU	Result (ppb)
Abamectin	30	100	120%	ND	Hexythiazox	30	100	71%	ND
Acephate	30	100	42%	ND	Imazalil	30	100	41%	ND
Acequinocyl	30	100	93%	NR	Imidacloprid	30	100	37%	ND
Acetamiprid	30	100	31%	ND	Kresoxim methyl	30	100	42%	ND
Aldicarb	30	100	40%	ND	Malathion	30	100	38%	ND
Azoxystrobin	30	100	38%	ND	Metalaxyl	30	100	31%	ND
Bifenazate	30	100	37%	ND	Methiocarb	30	100	37%	ND
Bifenthrin	30	100	64%	ND	Methomyl	30	100	33%	ND
Boscalid	30	100	45%	ND	Mevinphos	30	100		ND
Carbaryl	30	100	35%	ND	Myclobutanil	30	100	46%	ND
Carbofuran	30	100	34%	ND	Naled	30	100	65%	ND
Chloranthraniliprole	30	100	58%	ND	Oxamyl	30	100	35%	ND
Chlorfenapyr	30	100	59%	ND	Paclobutrazol	30	100	41%	ND
Chlormequat chloride	30	100	43%	ND	Permethrin	30	100	64%	ND
Chlorpyrifos	30	100	70%	ND	Phosmet	30	100	42%	ND
Clofentezine	30	100	72%	ND	Piperonyl Butoxide	30	100	58%	ND
Coumaphos	30	100	45%	ND	Prallethrin	30	100	49%	ND
Cypermethrin	30	100	60%	ND	Propiconazole	30	100	51%	ND
Daminozide	30	100	50%	ND	Propoxur	30	100	31%	ND
Diazinon	30	100	36%	ND	Pyrethrins	30	100	59%	ND
DDVP (Dichlorvos)	30	100	58%	ND	Pyridaben	30	100	74%	ND
Dimethoate	30	100	28%	ND	Spinetoram	30	100		ND
Dimethomorph	30	100		ND	Spinosad	30	100	64%	ND
Ethoprophos	30	100	35%	ND	Spiromesifen	30	100	61%	ND
Etofenprox	30	100	60%	ND	Spirotetramat	30	100	43%	ND
Etoxazole	30	100	76%	ND	Spiroxamine	30	100	37%	ND
Fenhexamid	30	100	46%	ND	Tebuconazole	30	100	47%	ND
Fenoxycarb	30	100	40%	ND	Thiacloprid	30	100	35%	ND
Fenpyroximate	30	100	69%	ND	Thiamethoxam	30	100	39%	ND
Fipronil	30	100	36%	ND	Trifloxystrobin	30	100	41%	ND
Flonicamid	30	100	52%	ND					
Fludioxonil	30	100	41%	ND					

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The reported expanded measurement uncertainty (MU) is stated as the combined standard measurement uncertainty multiplied by a combined measurement uncertainty factor (e.g., k = 2) such that the coverage probability corresponds to 95%

Generated By: Cindy Juett
Business Administrator
Date: 08/18/2026

Authorized By: Jasper van Heemst
Assistant Scientific Director
Date: 06/25/2026

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Manufacturer

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10910 NW 144st
Hialeah Gardens, FL 33018
USA

Mycotoxins by LC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	MU	Result (ppb)
B1	1	5	40%	ND
B2	1	5	49%	ND
G1	1	5	41%	ND
G2	1	5	46%	ND
Ochratoxin A	1	5	46%	ND

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The reported expanded measurement uncertainty (MU) is stated as the combined standard measurement uncertainty multiplied by a combined measurement uncertainty factor (e.g., k = 2) such that the coverage probability corresponds to 95%

Generated By: Cindy Juett
Business Administrator
Date: 08/18/2026

Tested By: Jasper van Heemst
Assistant Scientific Director
Date: 06/25/2026

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Microbials by PCR and Plating

Analyte	LOD (CFU/g)	MU	Result (CFU/g)	Result (Qualitative)
Total aerobic count	100		19400	
Total coliforms	10		ND	
Generic E. coli	10	69%	ND	
Salmonella spp.	1			Not Detected per 1 gram
Shiga-toxin producing E. coli (STEC)	1			Not Detected per 1 gram

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Generated By: Cindy Juett
Business Administrator
Date: 08/18/2026

Tested By: Sara Cook
Laboratory Technician
Date: 06/25/2026

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Residual Solvents by HS-GC-MS

Analyte	LOD (ppm)	LOQ (ppm)	MU	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	MU	Result (ppm)
Acetone	33	100	59%	ND	Ethylene Oxide	0.5	1	29%	ND
Acetonitrile	14	41	29%	ND	Heptane	33	100	14%	ND
Benzene	0.5	1	21%	ND	n-Hexane	2	6	19%	ND
Butane	33	100	24%	ND	Isobutane	33	100	24%	ND
1-Butanol	167	500	23%	ND	Isopropyl Acetate	167	500	17%	ND
2-Butanol	167	500	21%	ND	Isopropyl Alcohol	167	500	29%	ND
2-Butanone	167	500	15%	ND	Isopropylbenzene	167	500	21%	ND
Chloroform	2	6	13%	ND	Methanol	20	60	17%	ND
Cyclohexane	129	388	16%	ND	2-Methylbutane	10	29	44%	ND
1,2-Dichloroethane	0.5	1	7.7%	ND	Methylene Chloride	20	60	15%	ND
1,2-Dimethoxyethane	4	10	13%	ND	2-Methylpentane	2	6	13%	ND
Dimethyl Sulfoxide	167	500	41%	ND	3-Methylpentane	2	6	15%	ND
N,N-Dimethylacetamide	37	109	23%	ND	n-Pentane	33	100	30%	ND
2,2-Dimethylbutane	2	6	20%	ND	1-Pentanol	167	500	22%	ND
2,3-Dimethylbutane	2	6	15%	ND	n-Propane	33	100	24%	ND
N,N-Dimethylformamide	30	88	28%	ND	1-Propanol	167	500	23%	ND
2,2-Dimethylpropane	167	500	23%	ND	Pyridine	7	20	24%	ND
1,4-Dioxane	13	38	12%	ND	Tetrahydrofuran	24	72	36%	ND
Ethanol	167	500	18%	ND	Toluene	6	18	19%	ND
2-Ethoxyethanol	6	16	20%	ND	Trichloroethylene	3	8	20%	ND
Ethyl Acetate	33	100	13%	ND	Xylenes (o-, m-, and p-)	14	43	21%	ND
Ethyl Ether	167	500	14%	ND					
Ethylbenzene	3	7	21%	ND					

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Generated By: Cindy Juett
Business Administrator
Date: 08/18/2026

Tested By: Kelsey Rogers
Senior Scientist
Date: 06/25/2026

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Prohibited Substances by HS-GC-MS

Analyte	Result	Unit	LOD	LOQ
2,3-butanedione (Diacetyl)	ND	ppm	30	100
1,1-dicholoroethene	ND	ppm	1	5

Generated By: Cindy Juett
Business Administrator
Date: 08/18/2026

Tested By: Kelsey Rogers
Senior Scientist
Date: 06/25/2026

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USA

Water Activity

Analyte	Result	Unit	LOD	LOQ
Water Activity	0.587	Aw		

Generated By: Cindy Juett
Business Administrator
Date: 08/18/2026

Tested By: Christina Neace
Laboratory Technician
Date: 07/07/2026

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