

## SSH-Lot 13

 Sample ID: BIA250627S0015  
 Strain: Super Silver Haze

 Produced:  
 Collected:  
 Received: 06/27/2025  
 Completed: 07/03/2025  
 Batch#:

 Client  
 Kingdom Canna

 Matrix: Plant  
 Type: Flower - Cured  
 Sample Size: 6.48 g  
 Lot#:


### Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	07/01/2025	Complete
Moisture	06/30/2025	9.60% - Complete
Water Activity	06/30/2025	0.466 aw - Complete
Microbials	07/03/2025	Complete

### Cannabinoids

Completed

19.78% Total THC					0.09% Total CBD					24.19% Total Cannabinoids				
Analyte	LOQ	Results	Results	Mass	Analyte	LOQ	Results	Results	Mass	Analyte	LOQ	Results	Results	Mass
	mg/g	%	mg/g	mg/serving		mg/g	%	mg/g	mg/serving		mg/g	%	mg/g	mg/serving
CBDVa	0.0003	<LOQ	<LOQ		CBCVa	0.0003	<LOQ	<LOQ						
CBDV	0.0003	<LOQ	<LOQ		CBNa	0.0003	<LOQ	<LOQ						
CBDa	0.0005	0.10	1.0		Δ9-THC	0.0005	2.09	20.9						
CBGa	0.0005	0.24	2.4		Δ8-THC	0.0003	0.05	0.5						
CBG	0.0005	0.60	6.0		Δ10-THC*	0.0002	<LOQ	<LOQ						
CBD	0.0005	<LOQ	<LOQ		CBL	0.0005	<LOQ	<LOQ						
THCV	0.0003	<LOQ	<LOQ		CBC	0.0003	<LOQ	<LOQ						
CBLV	0.0003	<LOQ	<LOQ		THCa	0.0005	20.17	201.7						
CBCV	0.0003	<LOQ	<LOQ		CBCa	0.0006	0.61	6.1						
THCVa	0.0003	0.14	1.4		CBLa	0.0005	0.18	1.8						
CBN	0.0005	<LOQ	<LOQ		<b>Total THC</b>		<b>19.78</b>	<b>197.81</b>						
					<b>Total CBD</b>		<b>0.09</b>	<b>0.90</b>						
					<b>Total</b>		<b>24.19</b>	<b>241.90</b>	<b>0.00</b>					

Analyst: 048

Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR™ with Photo Diode Array Detector (PDA)

Total CBD and total THC are calculated values, to account for assumed decarboxylation from the acid form (THCA or CBDA) to the neutral form, causing weight loss of the acid group. These values are calculated as follows:

$$\text{Total THC} = (\text{THCA} \times 0.877) + \Delta 9\text{-THC}$$

$$\text{Total CBD} = (\text{CBDA} \times 0.877) + \text{CBD Reagent}$$

Blanks: &lt; LOQs for all analytes

LOQ = The lowest quantity that this method can reliably detect. Any cannabinoid that was not detected is assumed to be less than the stated LOQ (&lt;LOQ).

All results reflect dry weight of material, based on % moisture of the sample.

Measurement of Uncertainty (MU): the parameter, associated with the result of a measurement, that characterizes the dispersion of the values that could reasonably be attributed to the particular quantity subject to measurement. Δ9-THC MU = ±0.005% Total THC MU = ±0.007%

All other cannabinoid MU values are available upon request.

All moisture and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.

\*The result is the sum of delta-10 isomers.




 Luke Emerson-Mason  
 Laboratory Director  
 07/03/2025

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## Pathogens

Completed

Pathogens	LOD	Results
	CFU/g	CFU/g
Aspergillus	5	Not Detected
Shiga Toxin E. Coli	5	Not Detected
Salmonella SPP	5	Not Detected

Analyst: 018

Test Methodology: Bio-Rad IQ-Check PCR Kits

cfu/g = colony forming units per gram

LOD = The lowest quantity that this method can reliably detect. Any microbial growth that was not detected is assumed to be less than the stated LOD (<LOD).

Reagent Blanks: <LOD for all analytes




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## GB, SK, SSH, SB, LD

Sample ID: BIA250627S0046  
Strain: SCLT0089-13

Matrix: Plant  
Type: Flower - Cured  
Sample Size:  
Lot#:

Produced:  
Collected:  
Received: 06/27/2025  
Completed: 07/03/2025  
Batch#:

Client  
**Kingdom Canna**



### Summary

Test	Date Tested	Result
Sample		Complete
Moisture	07/01/2025	Not Tested
Pesticides	07/02/2025	Complete



Luke Emerson-Mason  
Laboratory Director  
07/03/2025

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## Pesticides

Completed

Category 1 Pesticides	LOD	LOQ	Results
	PPM	PPM	PPM
Chlorpyrifos	0.0003	0.0010	ND
Imazalil	0.0003	0.0010	ND
Category 2 Pesticides	LOD	LOQ	Results
	PPM	PPM	PPM
Abamectin	0.0003	0.0010	ND
Acephate	0.001	0.0050	ND
Acequinocyl	0.0003	0.0010	ND
Azoxystrobin	0.00005	0.0010	ND
Bifenazate	0.0001	0.0010	ND
Bifenthrin	0.0001	0.0010	ND
Carbaryl	0.0001	0.0010	ND
Cypermethrin	0.001	0.0050	ND
Etoazole	0.0001	0.0010	ND
Imidacloprid	0.00005	0.0010	ND
Myclobutanil	0.0001	0.0010	ND
Pyrethrins	0.001	0.0050	ND
Spinosyn A	0.0001	0.0010	ND
Spinosyn D	0.0003	0.0010	ND

Analyst: 048

Pesticides Methodology: Liquid Chromatography with Tandem Mass Spectrometry using PerkinElme QSight® LX50 UHPLC and QSight 220 Mass Spectrometer

LOQ = The lowest quantity this method can reliably quantify. Any pesticides or mycotoxins that were not quantifiable are less than the stated LOQ (&lt;LOQ).

ppm = parts per million

All moisture and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.

ND = Not Detected (&lt;LOD)




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