



1960 Cherry St., Louisville, CO 80027  
P: 303-531-0861 E: support@quicksilverscientific.com

## PRODUCT SPECIFICATION AND CERTIFICATE OF ANALYSIS

Document #	FPS.046	Rev. 4
Product Code #	QSCBSLP01	

Product Name:	CBD Synergies-SP+
Lot Number:	CBSLP2502/1
Manufacturing Date:	06/2025
Bottle Size:	50mL
Storage Recommendation:	Room Temperature
Shelf Life / EXP Date:	Freshness is commonly maintained 2 years from manufacturing date

### Active Compounds

Test Performed	Method	Specification	Result	Pass/Fail
THC	LC/MS/MS or HPLC	$\leq 0.3\%$	0.0%	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cannabidiol (CBD)	LC/MS/MS or HPLC	$\geq 10\text{mg}/2\text{ mL}$	13 mg/2mL	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cannabinol (CBN)	LC/MS/MS or HPLC	$\geq 2\text{mg}/2\text{ mL}$	2 mg/2mL	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cannabigerol (CBG)	LC/MS/MS or HPLC	$\geq 2\text{mg}/2\text{ mL}$	2 mg/2mL	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Melatonin	HPLC	$\geq 0.25\text{mg}/2\text{ mL}$	0.28 mg/2mL	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
5-HTP (L-5Hydroxytryptophan)	HPLC	$\geq 16\text{mg}/2\text{ mL}$	18 mg/2mL	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail

\*100% label claim at the time of manufacture

### Residual Solvents

Test Performed	Method	Specification	Result	Pass/Fail
Pesticides	LC/MS GC/MS	Report as Found	ND	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail

### Elemental Impurities

Test Performed	Method	Specification	Result	Pass/Fail
Arsenic	USP <730>	$\leq 2\text{ppm}$	<0.1 ppm	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cadmium	USP <730>	$\leq 2\text{ppm}$	<0.1 ppm	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Lead	USP <730>	$\leq 1\text{ppm}$	<0.1 ppm	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Mercury	USP <730>	$\leq 1\text{ppm}$	<0.1 ppm	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail



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### Microbiological Stability

Test Performed	Method	Specification	Result	Pass/Fail
Water Activity	USP <922>	$\leq 0.849$	0.823	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Yeast/Mold	AOAC2014.05	$\leq 1000\text{cfu/mL}$	Conforms	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail

\*\*See QC SOP.47 for additional testing requirements if water activity is above specification. Attach any additional testing forms as required.

**Notes:** N/A BM 07/22/2025

**Released by QC Initial/ Date:**

*Brandon Morey*

Electronically signed by: Brandon  
Morey  
Reason: Reviewed and Approved  
Date: Jul 22, 2025 15:17 MDT