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PRODUCT SPECIFICATION AND CERTIFICATE OF ANALYSIS

Document #	FPS.045	Rev. 2	Effective Date 03/05/2025
Product Code #	QSCBAXP01		

Product Name	Nanoemulsion CBD Synergies AX+
Lot Number	CBAXP2503/1
Manufacturing Date:	08/2025
Bottle Size:	50mL
Storage Recommendation:	Store at room temperature. Keep out of reach children.
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	$\leq 0.01\%$	<LOQ	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cannabidiol (CBD)	LC/MS/MS or HPLC	$\geq 10\text{mg}/2\text{ mL}$	14 mg/2mL	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cannabigerol (CBG)	LC/MS/MS or HPLC	$\geq 4\text{mg}/2\text{ mL}$	4 mg/2mL	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
5-HTP (L-5-Hydroxytryptophan)	HPLC	$\geq 10\text{mg}/2\text{ mL}$	11 mg/2mL	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail

*100% label claim at the time of manufacture.

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

Microbiological Stability

Test Performed	Method	Specification	Result	Pass/Fail
Water Activity	USP <922>	≤ 0.849	0.804	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Yeast/Mold	USP2021	$\leq 1000\text{cfu}/\text{mL}$	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 09/04/2025

Released:

Quality Control: Brandon Morey Date: _____

Electronically signed by: Brandon Morey
Reason: Reviewed and Approved
Date: Sep 4, 2025 12:42:06 MDT



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REVISION HISTORY

Rev.	Effective Date	DCR No.	Description of Changes
2	03/05/2025	DCR20250226D	Update to new microbiology testing format.
1	09/29/2023	DCR20230908D	New Document.