



Quality Form

Finished Product Certificate of Analysis

Product Name:	Upstate Alpha Eight	Lot Number	A076CRBF-A
Pack Size	10g Jar	Expiry Date	Apr 2025

Test	Test Method	Limits	Result	Pass/Fail
Identification				
Macroscopic ID of plant	DAB	Identified via suitably validated method	The individual flower is approximately 5 to 10 mm long, sometimes short stemmed and consists of a hooded light green to green perianth, the 1 to 2 mm ovary, which may contain a small brown ovule and the brown style with 2 long and slim stigmas.	Passed
Microscopic ID of plant	DAB	Identified via suitably validated method	Conforms	Passed
Chromatographic ID of plant	DAB	Identified via suitably validated method	THCA – Positive ID CBD – Negative ID	Passed
Chemical Profile				
CBD	HPLC acc. To Ph Eur. 2.2.29	Report	Not detected	N/A
CBDA			0.043 % w/w	N/A
Total CBD (CBD + 0.877*CBDA)		< 1.00% (w/w)	0.043 % w/w	N/A
THC		Report	3.83 % w/w	N/A
THCA			27.07 % w/w	N/A
Total THC (THC + 0.877*THCA)		Report	27.45 % w/w	Passed
Aflatoxins and Ochratoxin				
Aflatoxin	Ph Eur 2.8.18	≤ 2.0 µg/kg B1 ≤ 4.0 µg/kg Total (B1, B2, G1, G2)	Not Detected Not Detected	Passed
Ochratoxin A	Ph Eur 2.8.22	≤ 20 µg/kg	Not Detected	Passed



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Test	Test Method	TGO 93 + 100 Limits (Inhalation)	Result	Pass/Fail
Heavy Metals				
Arsenic	Ph Eur 2.4.27	≤ 0.2 ppm	< LOQ (< 0.1004)	Passed
Cadmium		≤ 0.3 ppm	Not Detected	Passed
Lead		≤ 0.5 ppm	< LOQ (< 0.0998)	Passed
Mercury		≤ 0.1 ppm	Not Detected	Passed
Purity				
Pesticides	Ph Eur 2.8.13	Not more than the limits specified in Ph. Eur. 2.8.13	Not more than the limits specified in Ph. Eur. 2.8.13	Passed
Foreign Matter	Ph Eur 2.8.2	≤ 2%w/w in 100g	Not Detected in 100g sample	Passed
Total Ash	Ph Eur 2.4.16	≤ 20.00% w/w	8.81 %	Passed
Microbials				
Total aerobic microbial count (TAMC)	Ph Eur 2.6.12	≤200 CFU/g	< 10 CFU/g	Passed
Total yeast and molds count (TYMC)	Ph Eur 2.6.12	≤20 CFU/g	< 10 CFU/g	Passed
Bile-tolerant Gram-negative bacteria	Ph Eur 2.6.31	Absent/1g	Absent	Passed
Staphylococcus aureus	Ph Eur 2.6.13	Absent/1g	Absent	Passed
Pseudomonas aeruginosa	Ph Eur 2.6.13	Absent/1g	Absent	Passed
E. coli	Ph Eur 2.6.13	Absent/1g	Absent	Passed
Salmonella Spp.	Ph Eur 2.6.31	Absent/25g	Absent	Passed
Loss on Drying				
Loss on Drying	Ph Eur 2.2.32	Report	5.12 % w/w	N/A



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Page 3 of 3

Comments

Packaging specifications

- 220 g Black straight sided PET jar, 62 mm neck
- Black PP child resistant screw lid, 62 mm neck
- PE Seal Liner

Approved By

Name: Sravanthi Bollampally

Role: Quality Assurance Senior Manager/AQAP

Sign: 
Sravanthi Bollampally (May 13, 2024 16:35 EDT)

Date: 13/05/24

END DOCUMENT