

20670



PRODUCT ANALYTICAL REPORT

Product: PrimaVie®Item Code: 1010Supplier Lot No.: SJ202211012-SNPLBatch No.: PME-0242-22

Supplier: Sakti Naturals Pvt Ltd.

D/M: 11/22D/ E: 11/27

CoA No.: PAR 010/R1	Effective Date: 05/01/17	Reason for Revision: CCR 002/18
Written By: Alekhya Dandu	Checked By: Jinkal Patel	Approved By: Dr. Sanni Raju

TESTS	SPECIFICATION	METHOD	RESULTS	PERFORMED BY
Description	Appearance: Fine, free flowing powder with occasional lumps Color: Brown to dark brown Odor: Characteristic Taste: Mildly bitter	Visual	Pass	Natreon India
Identification	Compares to standard reference material	FT-IR and HPLC - PDA	Pass	Natreon India
Assay	Dibenzo- α - pyrones (DBPs): $\geq 10.30\%$ (w/w) Plus Dibenzo- α - pyrone Chromoproteins (DCPs) Fulvic acids with DBP Core Nucleus: $\geq 50\%$ (w/w)	HPLC - PDA	22.16% 60.80%	Natreon India
Moisture Content	$\leq 6\%$ (w/w)	USP <921>	5.26%	Natreon India
E4/E6 at 465/665 nm	7.0 - 9.5	Calculated	8.36	Natreon India
pH (2.0% aqueous dispersion)	≥ 5	pH Meter	8.24	Natreon India
Water-soluble Extractive Value	$\geq 80\%$ (w/w)	Gravimetry	85.48%	Natreon India
Particle Size	Passing through mesh # 40: $\geq 95\%$ Passing through mesh # 80: $\geq 85\%$	USP <786>	100.00% 93.50%	Natreon India
Bulk Density	To report	USP <616>	0.47 gm/cc	Natreon India

*Results are based upon Natreon India & External Laboratory analysis reports

RELEASED <input checked="" type="checkbox"/>	REJECTED <input type="checkbox"/>	QUARANTINED <input type="checkbox"/>
Reviewed By: <u>Anjann</u> Date: 12/03/22	Approved By: <u>Ranpatesh</u> Date: 12/03/22	



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Heavy Metals	Total Heavy Metal: ≤ 10 ppm	ICP-MS USP<730>	2.589	Advanced Labs, NC
	Lead (Pb): ≤ 2 ppm		1.439	
	Arsenic (As): ≤ 3 ppm		0.972	
	Cadmium (Cd): ≤ 0.5 ppm		0.175	
	Mercury (Hg): ≤ 0.5 ppm		0.003	
Microbial Tests	Total Aerobic microbial count: ≤ 5000 CFU/g	USP<2021>	2433	Advanced Labs, NC
	Combined Mold & Yeast: ≤ 1000 CFU/g	USP<2021>	<10	
	Bile Tolerant Gram-Negative Bacteria: ≤ 100 CFU/g	USP<2021>	<10	
	Salmonella species: absent in 10 g	USP<2022>	Nil	
	E. Coli: absent in 1 g	USP<2022>	Nil	
	Pseudomonas aeruginosa: absent in 1 g	USP<62>	Nil	
	Staphylococcus aureus: absent in 1 g	USP<2022>	Nil	
	Candida albicans: absent in 1 g	USP<2021>	Nil	

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Reviewed By: <u>Amjann</u> Date: 12/03/22	Approved By: <u>Penpatel</u> Date: 12/03/22	