



## TEST CERTIFICATE

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Sample : Kadwa Amrit	Report No. : 22008338
Sample Description : Kadwa Amrit	
Customer Ref : Nil	Report Issue Date: 09/03/2022
Customer Name & Address :	Job Code
SmartVeda	STRC/22008338
Floor-3, Toyota Showroom, Near Ashirwad Petrol Pump,	Sample Received On
Chakrata Road, Dehradun, Uttarakhand - 248001	23/02/2022
	Date of Testing
	23/02/2022-09/03/2022
	Sample Quantity
	300 Grams
	Sample Condition: Packed in Tetra Pack
	Mfg. Date: May 2021
	Exp. Date: Apr. 2023, Batch No: HPB08

S. No.	Test Parameters	Unit	Test Result	D.L.	Requirement As Per API	Test Method	Conformity
<b>A.</b>	<b>Pesticides Residue</b>						
A.1.	Alachlor	mg/kg	Not Detected	0.005	0.02 Max.	AOAC 21st Edition	Yes
A.2.	Aldrin, dieldrin (sum of)	mg/kg	Not Detected	-	0.05 Max.	AOAC 21st Edition	Yes
	Aldrin	mg/kg	Not Detected	0.005	-	AOAC 21st Edition	Yes
	Dieldrin	mg/kg	Not Detected	0.005	-	AOAC 21st Edition	Yes
A.3.	Chlordane (sum of cis-, trans- and Oxythlordane)	mg/kg	Not Detected	-	0.05 Max.	AOAC 21st Edition	Yes
	Chlordane cis	mg/kg	Not Detected	0.005	-	AOAC 21st Edition	Yes
	Chlordane trans	mg/kg	Not Detected	0.005	-	AOAC 21st Edition	Yes
A.4.	Chlorfenvinphos	mg/kg	Not Detected	0.005	0.5 Max.	AOAC 21st Edition	Yes
A.5.	Chlorpyrifos	mg/kg	Not Detected	0.005	0.2 Max.	AOAC 21st Edition	Yes
A.6.	Chlorpyrifos-methyl	mg/kg	Not Detected	0.005	0.1 Max.	AOAC 21st Edition	Yes
A.7.	Cypermethrin and isomers	mg/kg	Not Detected	0.005	1.0 Max.	AOAC 21st Edition	Yes
A.8.	DDT (sum of p,p' DDT, o,p' DDT, p,p' DDE & p,p' TDE)	mg/kg	Not Detected	-	1.0 Max.	AOAC 21st Edition	Yes
	DDT-o,p	mg/kg	Not Detected	0.005	-	AOAC 21st Edition	Yes
	DDT-p,p	mg/kg	Not Detected	0.005	-	AOAC 21st Edition	Yes
	DDE-p,p	mg/kg	Not Detected	0.005	-	AOAC 21st Edition	Yes
	TDE-p,p	mg/kg	Not Detected	0.005	-	AOAC 21st Edition	Yes
A.9.	Deltamethrin	mg/kg	Not Detected	0.005	0.5 Max.	AOAC 21st Edition	Yes
A.10.	Diazinon	mg/kg	Not Detected	0.005	0.5 Max.	AOAC 21st Edition	Yes
A.11.	Dichlorvos	mg/kg	Not Detected	0.005	1.0 Max.	AOAC 21st Edition	Yes
A.12.	Dithiocarbamates (as CS <sub>2</sub> )	mg/kg	Not Detected	0.005	2.0 Max.	AOAC 21st Edition	Yes

Sheela Vardan

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Ashok Sharma  
Technical Manager

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A.13.	Endosulfan (residues are measured and reported as total of endosulfan alpha, beta and endosulfan sulphate)	mg/kg	Not Detected	-	3.0 Max.	AOAC 21st Edition	Yes
	Endosulfan alpha	mg/kg	Not Detected	0.005	-	AOAC 21st Edition	Yes
	Endosulfan beta	mg/kg	Not Detected	0.005	-	AOAC 21st Edition	Yes
	Endosulfan sulphate	mg/kg	Not Detected	0.005	-	AOAC 21st Edition	Yes
A.14.	Endrin	mg/kg	Not Detected	0.005	0.05 Max.	AOAC 21st Edition	Yes
A.15.	Ethion	mg/kg	Not Detected	0.005	2.0 Max.	AOAC 21st Edition	Yes
A.16.	Fenitrothion	mg/kg	Not Detected	0.005	0.5 Max.	AOAC 21st Edition	Yes
A.17.	Fenvalerate	mg/kg	Not Detected	0.005	1.5 Max.	AOAC 21st Edition	Yes
A.18.	Fonofos	mg/kg	Not Detected	0.005	0.05 Max.	AOAC 21st Edition	Yes
A.19.	Heptachlor (combined residues of heptachlor and its epoxide to be determined and expressed Milled as Heptachlor)	mg/kg	Not Detected	-	0.05 Max.	AOAC 21st Edition	Yes
	Heptachlor	mg/kg	Not Detected	0.005	-	AOAC 21st Edition	Yes
	Heptachlor exo epoxide	mg/kg	Not Detected	0.005	-	AOAC 21st Edition	Yes
A.20.	Hexachlorocycle hexane and its Isomers (other than Gamma)	mg/kg	Not Detected	-	0.3 Max.	AOAC 21st Edition	Yes
	Hexachlorocycle hexane alpha isomer	mg/kg	Not Detected	0.005	-	AOAC 21st Edition	Yes
	Hexachlorocycle hexane beta isomer	mg/kg	Not Detected	0.005	-	AOAC 21st Edition	Yes
	Hexachlorocycle hexane delta isomer	mg/kg	Not Detected	0.005	-	AOAC 21st Edition	Yes
A.21.	Lindane (Gamma Hexa chlorocyclohexane)	mg/kg	Not Detected	0.005	0.6 Max	AOAC 21st Edition	Yes

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**Ashok Sharma**  
 Technical Manager  
 DELHI

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S. No.	Test Parameters	Unit	Test Result	D.L.	Requirement As Per API	Test Method	Conformity
A.22.	Malathion	mg/kg	Not Detected	0.005	1.0 Max.	AOAC 21st Edition	Yes
A.23.	Methidathion	mg/kg	Not Detected	0.005	0.2 Max.	AOAC 21st Edition	Yes
A.24.	Parathion	mg/kg	Not Detected	0.005	0.5 Max.	AOAC 21st Edition	Yes
A.25.	Parathion-methyl	mg/kg	Not Detected	0.005	0.2 Max.	AOAC 21st Edition	Yes
A.26.	Permethrin	mg/kg	Not Detected	0.005	1.0 Max.	AOAC 21st Edition	Yes
A.27.	Phosalone	mg/kg	Not Detected	0.005	0.1 Max.	AOAC 21st Edition	Yes
A.28.	Piperonyl butoxide	mg/kg	Not Detected	0.005	3.0 Max.	AOAC 21st Edition	Yes
A.29.	Pirimiphos methyl	mg/kg	Not Detected	0.005	4.0 Max.	AOAC 21st Edition	Yes
A.30.	Pyrethrins (sum of)	mg/kg	Not Detected	-	0.05 Max.	AOAC 21st Edition	Yes
	Pyrethrins-I	mg/kg	Not Detected	0.005	-	AOAC 21st Edition	Yes
	Pyrethrins-II	mg/kg	Not Detected	0.005	-	AOAC 21st Edition	Yes
A.31.	Quintozene (sum of quintozene, pentachloroaniline and methyl pentachlorophenyl sulphide)	mg/kg	Not Detected	-	1.0 Max.	AOAC 21st Edition	Yes
	Quintozene	mg/kg	Not Detected	0.005	-	AOAC 21st Edition	Yes
	Pentachloroaniline	mg/kg	Not Detected	0.005	-	AOAC 21st Edition	Yes
	Methyl pentachlorophenyl sulphide	mg/kg	Not Detected	0.005	-	AOAC 21st Edition	Yes
<b>B.</b>	<b>Chemical Parameters</b>						
B.1.	Total ash	g/100 g	15.19	-	-	IS:1797:2017	-
B.2.	Acid insoluble ash	g/100 g	6.34	-	-	IS:1797:2017	-
B.3.	Alcohol soluble extract	g/100 g	11.71	-	-	IS:1797:2017	-
B.4.	Water soluble extract	g/100 g	16.48	-	-	IS:1797:2017	-
B.5.	Loss on drying	g/100 g	7.33	-	-	IS:1797:2017	-
B.6.	Bulk density	g/ml	0.64	-	-	By United States Pharmacopeia	-

  
99 Badli Industrial Area Phase-2  
DELHI  
Ashok Sharma  
Technical Manager

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<b>C. Heavy Metals</b>							
C.1.	Lead (as Pb)	ppm	Not Detected	0.01	Max.10.0	By ICP-MS	Yes
C.2.	Cadmium (as Cd)	ppm	Not Detected	0.25	Max. 0.3	By ICP-MS	Yes
C.3.	Arsenic (as As)	ppm	Not Detected	0.05	Max. 3.0	By ICP-MS	Yes
C.4.	Mercury (as Hg)	ppm	Not Detected	0.05	Max. 1.0	By ICP-MS	Yes
<b>D. Microbiological Parameters</b>							
D.1.	Total bacterial count	cfu/g	354	-	NMT 10 <sup>5</sup>	By API	Yes
D.2.	Total yeast & mould count	cfu/g	<10	-	NMT 10 <sup>3</sup>	By API	Yes
D.3.	Escherichia coli	per g	Absent	-	Absent	By API	Yes
D.4.	Salmonella	per g	Absent	-	Absent	By API	Yes
D.5.	Staphylococcus aureus	per g	Absent	-	Absent	By API	Yes
D.6.	Pseudomonas aeruginosa	per g	Absent	-	Absent	By API	Yes
D.7.	Clostridium species	per g	Absent	-	-	IS:5887(P-4)1999	-

Note: DL = Detection Limit.

API=Ayurvedic Pharmacopoeia of India, NMT=Not More Than

\*\*\*\*\* End of Report \*\*\*\*\*

*Aparna*

Aparna .  
Quality Manager

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*Ashok Sharma*  
Ashok Sharma  
Technical Manager

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