

1000000 Live Plant and Animal Material and Accessories and Supplies											
10190000 Pest control products											
10191500 Pesticides or pest repellents											
Commodity : PYRETHRUM											
Selling Unit : vol-liter											
S.No.	Parameters	Type	Value 1	Value 2	Value 3	Value 4	Validation/ Remark	M	F	G	Demand aggregation
REQUIREMENTS											
1	Description	Ch	The material shall be an extract of commercial pyrethrum flowers (Chrysanthemum cinerariaefolium Linn) in a mineral oil with or without minute quantity of added anti-oxidant but without a synergist. The material shall be homogeneous liquid. Sediment and/or suspended matter shall be negligible. It shall be free from synthetic pyrethroids					√			

2	Identity	Ch	The material shall comply with Identity Test as described under Appendix A and shall not contain any synthetic pyrethroids. If any spots, in addition to those given by the standard reference sample are detected, it should be ensured that these additional spots are not due to any synthetic pyrethroids. If the presence of any synthetic pyrethroid is established in the TLC testing, the total pyrethrin content (Appendix B) should not be determined as synthetic pyrethroid would analyse wrongly as pyrethrins.					√			
3	Colour		The material shall be greenish yellow in colour					√			
4	Odour		possess the characteristic odour of the commercial pyrethrum flowers					√			
5	Flash Point (Abel)		When determined by the method specified in IS : 1448 (P : 20) - 1960, the flash point of the material shall not be below 32°C.					√			
6	Total Pyrethrin Content , percent, by mass (m/m)	Ch	Up to 9 (+10/-5)	Above 9 and below	50 and above (+5/-			√	√	√	
7	Additional Requirement for the Material for Use as an Aerosol - The matter insoluble in dichlorodifluoromethane in the material meant for use as an aerosol, shall not exceed 1.5 percent by mass when determined by the method prescribed in Appendix C of IS:1051	Ch	Yes					√			

Packing										
8	The material shall be packed as per requirements given a in IS : 8190 (Part II) - 1980	CH	YES						v	
9	The stores shall be packed in 25 liters new dry leak-proof,sound non-returnable mild steel drums conforming to ISI specification no. IS: 2552-1989 and the packing shall comply with general requirements updated in IS: 8190 (part II)-1980. The packing shall also confirm to the traiff rules in force from time to time falling in the category of material of high flash point.	CH	YES						v	
10	The contarcators shall provide certificate from the fabricators of drums to the inspecting authority confirming that the drums conform to the above IS specification and the inspecting authority need not test drums before filling so as to minimize delay in inspection procedure.	CH	YES						v	

Marking										
11	The containers shall bear legibly and indelibly the following information and any other information as is necessary under the Insecticides Act and Rules: a)Common name of the material, b)Name of the manufacturer, c)Date of manufacture, d)Batch number, e)Net volume of contents, f)Nominal total pyrethrin content (m/m), and g)The minimum cautionary notice as worded in the Insecticides Act and Rules	CH	YES						√	
12	The containers shall bear legibly and indelibly the information as per clause 3.2 of IS:1051-1980 (revision) with amendment No. 1 & 2 and as per the insecticide Act 1968 and rules made thereunder. The containers shall be marked with ISI certification mark as mentioned in clause 3.2.1 of IS: 1051-1980.	CH	YES						√	
13	In addition, the containers shall be marked GOVERNMENT OF INDIA SUPPLY Name of Buyer organisation () NOT FOR SALE	CH	YES						√	
Registration										
14	The product and the firm manufacturing the formulation shall have to be registered by the Registration Committee, Central Insecticide Board, Directorate of Plant Protection & Quarantine, Department of Agriculture, ministry of Agriculture for Public Health use. The product should have been field tested by authorized institution and found suitable for use as spray for control of mosquito vectors.	CH	YES						√	

Shelf Life										
15	The expiry date i.e. the date up to which the insecticide shall retain its efficacy & toxicity shall be for a period of two years from the date of its manufacture that means the material shall meet with the requirements given in the specification above for a period of two years. This shall be guaranteed by the firm with a certificate in this regard which shall have to be furnished along with the documents. At the time when the stores are offered for inspection, the life of larvicides should not have passed more than 1/6th of the effective life of the same counted from the date of manufacture	CH	YES					√		
Certification										
16	Conforming to IS:1051(Latest)	CH	YES					√		
17	CM/L Number for ISI certification mark (Must declare)	CH	Text					√		
Test Report Details										
18	Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification	Ch	Yes					√		
19	Test Report to be submitted to the Buyer on Demand write NA if Test report is not available	Ch	Yes					√		