

<b>PERMISSIBLE LEVELS OF CONTAMINANTS UNDER VCSMPP FOR GAP AND GFCP</b>		<b>Doc No.: INF 9.6.0</b>
<b>Rev No.: 02</b>	<b>Rev. Date: 16/05/2023</b>	<b>Page 1 of 2</b>

**Maximum residue limits (MRL) of contaminants**

<b>1. Heavy Metals</b>		
<b>Sl no</b>	<b>Parameters</b>	<b>Permissible Limit</b>
1	Lead (Pb)	10 ppm
2	Cadmium (Cd)	0.3 ppm
3	Arsenic (As)	3 ppm
4	Mercury (Hg)	1 ppm
<b>2. Aflatoxins</b>		
<b>Sl no</b>	<b>Aflatoxins</b>	<b>Permissible Limit</b>
1	B <sub>1</sub>	0.5 ppm
2	G <sub>1</sub>	0.5 ppm
3	B <sub>2</sub>	0.1 ppm
4	G <sub>2</sub>	0.1 ppm
<b>3. Pesticide Residues</b>		
<b>Sl no</b>	<b>Substance</b>	<b>Limit (mg/kg)</b>
1	Alachlor	0.02
2	Aldrin and Dieldrin (sum of)	0.05
3	Azinphos-methyl	1.0
4	Bromopropylate	3.0
5	Chlordane (Sum of cis, trans & Oxythlordane)	0.05
6	Chlorofenvinphos	0.5
7	Chlorpyrifos	0.2
8	Chlorpyrifos-methyl	0.1
9	Cypermethrin (and isomers)	1.0
10	DDT	1.0
11	Deltamethrin	0.5
12	Dithiocarbamates (as CS <sub>2</sub> )	2.0
13	Dichlorvos	1.0
14	Endosulfan	3.0
15	Endrin	0.05
16	Ethion	2.0
17	Fenitrothion	0.5
18	Fenvalerate	1.5
19	Fonofos	0.05
20	Heptachlor	0.05
21	hexachlorobenzene	0.1
22	Hexachlorocyclohexane isomer	0.3
23	Lindane	0.6
24	Malathion	1.0
25	Methidathion	0.2
26	Parathion	0.5
27	Parathion-methyl	0.2
28	Permethrin	1.0
29	Phosalone	0.1
30	Piperonyl butoxide	3.0
31	Pirimiphos-methyl	4.0
32	Pyrethrins	3.0



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33	Quintozene	1.0
<b>4. Microbial Contamination</b>		
<b>Sl no</b>	<b>Parameters</b>	<b>Permissible limits</b>
1	Salmonella sp./g	Absent
2	Pseudomonas aeruginosa/g	Absent
3	Escherachia coli	Absent
4	Total microbial plate count (PTC)	$10^5/g^*$
5	Total Yeast & Mould	$10^5/g^*$

\*For topical use, the limit shall be  $10^7/g$