

Test Data From Certificate of Analysis Manufacturer

Product Name	Microbiocide GI	#MO	/	Product SKU	HCD_FD-04-012
Product Spec.	350 Capsules (262g)	Quantity	410	Lot No.	V160411A
Mfg. Date	2016/04/11	Expired Date	24 months	Report Date	2016/05/11

No.	Testing Item	Mode: Internal- External	According	Standard	Testing Date	Results	PASS/FAIL
1	Total Aerobic Microbial Count	<input checked="" type="checkbox"/> Int. <input type="checkbox"/> Ext	Contract	≤ 1000 cfu/g	2016/04/26	<10 cfu/g	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
2	Total combined molds and yeasts count	<input checked="" type="checkbox"/> Int. <input type="checkbox"/> Ext	Contract	≤ 100 cfu/g	2016/04/26	<10 cfu/g	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
3	Bile-tolerant gram-negative bacteria	<input checked="" type="checkbox"/> Int. <input type="checkbox"/> Ext	Contract	≤ 100 cfu/g	2016/04/26	<10 cfu/g	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
4	Staphylococcus aureus	<input checked="" type="checkbox"/> Int. <input type="checkbox"/> Ext	Contract	Not detected	2016/04/26	Not Detected	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
5	Salmonella Species	<input checked="" type="checkbox"/> Int. <input type="checkbox"/> Ext	Contract	Not detected	2016/04/26	Not Detected	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
6	Escherichia coli	<input checked="" type="checkbox"/> Int. <input type="checkbox"/> Ext	Contract	Not detected	2016/04/26	Not Detected	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
7	Clostridium species	<input checked="" type="checkbox"/> Int. <input type="checkbox"/> Ext	Contract	Not detected	2016/04/26	Not Detected	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
8	Loss on drying	<input checked="" type="checkbox"/> Int. <input type="checkbox"/> Ext	USP	≤ 10%	2016/04/29	5.29%	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
9	Residue on ignition	<input checked="" type="checkbox"/> Int. <input type="checkbox"/> Ext	USP	≤ 10%	2016/04/29	6.55%	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
10	Hexachlorocyclohexane	<input type="checkbox"/> Int. <input checked="" type="checkbox"/> Ext	USP	≤ 0.3 ppm	2016/04/27	Not Detected	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
11	DDT	<input type="checkbox"/> Int. <input checked="" type="checkbox"/> Ext	USP	≤ 1.0 ppm	2016/04/27	Not Detected	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
12	Parathion	<input type="checkbox"/> Int. <input checked="" type="checkbox"/> Ext	USP	≤ 0.5 ppm	2016/04/27	Not Detected	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
13	Methanol	<input type="checkbox"/> Int. <input checked="" type="checkbox"/> Ext	USP	≤ 3000 ppm	2016/04/27	Not Detected	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
14	Ethanol	<input type="checkbox"/> Int. <input checked="" type="checkbox"/> Ext	USP	≤ 5000 ppm	2016/04/27	Not Detected	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
15	Nitrite	<input checked="" type="checkbox"/> Int. <input type="checkbox"/> Ext	USP	≤ 10 ppm	2016/04/27	Not Detected	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
16	Lead	<input type="checkbox"/> Int. <input checked="" type="checkbox"/> Ext	Contract	≤ 2.0 ppm	2016/04/27	0.23ppm	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
17	Arsenic	<input type="checkbox"/> Int. <input checked="" type="checkbox"/> Ext	Contract	≤ 1.0 ppm	2016/04/27	0.35ppm	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
18	Mecury	<input type="checkbox"/> Int. <input checked="" type="checkbox"/> Ext	Contract	≤ 0.3 ppm	2016/04/27	Not Detected	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
19	Aflatoxin B1, B2, G1, G2	<input type="checkbox"/> Int. <input checked="" type="checkbox"/> Ext	USP	≤ 20 ppb	2016/04/27	Not Detected	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
20	Aflatoxin B1	<input type="checkbox"/> Int. <input checked="" type="checkbox"/> Ext	USP	≤ 5 ppb	2016/04/27	Not Detected	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
21	Net Weight	<input checked="" type="checkbox"/> Int. <input type="checkbox"/> Ext	USP	235.8 - 288.2g	2016/04/26	275.9g	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
22	Disintegration	<input checked="" type="checkbox"/> Int. <input type="checkbox"/> Ext	USP	37 ± 2°, 30 min All of the capsules disintegrated within 30 min	2016/04/28	7 mins	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
23	Packaging labels	<input checked="" type="checkbox"/> Int. <input type="checkbox"/> Ext	USP	Comply with design	2016/05/11	Complies	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL

Conclusion	<input checked="" type="checkbox"/> This batch of products comply with USP standard and contract requirements, test results is PASS. <input type="checkbox"/> This batch of products does not comply with USP standard and contract requirements, test results is FAILED.
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