

Test Data From Certificate of Analysis Manufacturer

Product Name	Microbiocide GI	#MO	/	Product SKU	HCD_FD-04-012
Product Spec.	350 Capsules (262g)	Quantity	1127	Lot No.	V160420A
Mfg. Date	2016/04/20	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 type="checkbox"/> Int. <input type="checkbox"/> Ext	Contract	≤ 1000 cfu/g	2016/05/04	15 cfu/g	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
2	Total combined molds and yeasts count	<input type="checkbox"/> Int. <input type="checkbox"/> Ext	Contract	≤ 100 cfu/g	2016/05/04	<10 cfu/g	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
3	Bile-tolerant gram-negative bacteria	<input type="checkbox"/> Int. <input type="checkbox"/> Ext	Contract	≤ 100 cfu/g	2016/05/04	<10 cfu/g	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
4	Staphylococcus aureus	<input type="checkbox"/> Int. <input type="checkbox"/> Ext	Contract	Not detected	2016/05/04	Not detected	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
5	Salmonella Species	<input type="checkbox"/> Int. <input type="checkbox"/> Ext	Contract	Not detected	2016/05/04	Not detected	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
6	Escherichia coli	<input type="checkbox"/> Int. <input type="checkbox"/> Ext	Contract	Not detected	2016/05/04	Not detected	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
7	Clostridium species	<input type="checkbox"/> Int. <input type="checkbox"/> Ext	Contract	Not detected	2016/05/04	Not detected	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
8	Loss on drying	<input type="checkbox"/> Int. <input type="checkbox"/> Ext	USP	≤ 10%	2016/05/05	5.20%	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
9	Residue on ignition	<input type="checkbox"/> Int. <input type="checkbox"/> Ext	USP	≤ 10%	2016/05/05	6.74%	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
10	Hexachlorocyclohexane	<input type="checkbox"/> Int. <input 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 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 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 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 type="checkbox"/> Ext	USP	≤ 5000 ppm	2016/04/27	Not detected	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
15	Nitrite	<input type="checkbox"/> Int. <input type="checkbox"/> Ext	USP	≤ 10 ppm	2015/05/09	Not detected	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
16	Lead	<input type="checkbox"/> Int. <input type="checkbox"/> Ext	Contract	≤ 2.0 ppm	2016/04/27	0.19ppm	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
17	Arsenic	<input type="checkbox"/> Int. <input 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 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 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 type="checkbox"/> Ext	USP	≤ 5 ppb	2016/04/27	Not detected	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
21	Net Weight	<input type="checkbox"/> Int. <input type="checkbox"/> Ext	USP	235.8 - 288.2g	2016/05/06	277.7g	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
22	Disintegration	<input type="checkbox"/> Int. <input type="checkbox"/> Ext	USP	37 ± 2°, 30 min All of the capsules disintegrated within 30 min	2016/05/06	7 mins	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
23	Packaging labels	<input type="checkbox"/> Int. <input type="checkbox"/> Ext	USP	Comply with design	Complies	Complies	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL

Conclusion

- This batch of products comply with USP standard and contract requirements, test results is PASS.
 This batch of products does not comply with USP standard and contract requirements, test results is FAILED.