

# Test Data From Certificate of Analysis Manufacturer

Report No. 20170211

Product Name	GlucoGen Capsule	#MO	/	Product SKU	HCD_FD-04-063
Product Spec.	90 (70g)	Quantity	1559	Lot No.	A170107A
Mfg. Date	2017/01/07	Expired Date	24 months	Report Date	2017/02/17

No.	Testing Item	Mode: Internal- External	According	Standard	Results	PASS/FAIL
1	Total Aerobic Microbial Count	<input checked="" type="checkbox"/> Int. <input type="checkbox"/> Ext	Contract	≤ 1000 cfu/g	<10cfu/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	<10cfu/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	<10cfu/g	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
4	Staphylococcus aureus	<input checked="" type="checkbox"/> Int. <input type="checkbox"/> Ext	USP	Not detected	Not detected	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
5	Salmonella Species	<input checked="" type="checkbox"/> Int. <input type="checkbox"/> Ext	USP	Not detected	Not detected	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
6	Escherichia coli	<input checked="" type="checkbox"/> Int. <input type="checkbox"/> Ext	USP	Not detected	Not detected	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
7	Clostridium species	<input checked="" type="checkbox"/> Int. <input type="checkbox"/> Ext	USP	Not detected	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%	1.51%	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
9	Residue on ignition	<input checked="" type="checkbox"/> Int. <input type="checkbox"/> Ext	USP	≤ 10%	0.52%	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
10	Hexachlorocyclohexane	<input type="checkbox"/> Int. <input checked="" type="checkbox"/> Ext	USP	≤ 0.3 ppm	<0.002ppm	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
11	DDT	<input type="checkbox"/> Int. <input checked="" type="checkbox"/> Ext	USP	≤ 1.0 ppm	<0.009ppm	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
12	Parathion	<input type="checkbox"/> Int. <input checked="" type="checkbox"/> Ext	USP	≤ 0.5 ppm	<0.01ppm	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
13	Nitrite	<input type="checkbox"/> Int. <input checked="" type="checkbox"/> Ext	USP	≤ 10 ppm	Not detected	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
14	Heavy metal	<input checked="" type="checkbox"/> Int. <input type="checkbox"/> Ext	USP	≤ 20 ppm	<20ppm	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
15	Lead	<input type="checkbox"/> Int. <input checked="" type="checkbox"/> Ext	USP	≤ 2.0 ppm	0.55	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
16	Arsenic	<input type="checkbox"/> Int. <input checked="" type="checkbox"/> Ext	Contract	≤ 1.0 ppm	Not detected	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
17	Mecury	<input type="checkbox"/> Int. <input checked="" type="checkbox"/> Ext	Contract	≤ 0.3 ppm	Not detected	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
18		<input type="checkbox"/> Int. <input checked="" type="checkbox"/> Ext	Contract	≤ 20 ppb	Not detected	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
19		<input type="checkbox"/> Int. <input checked="" type="checkbox"/> Ext	USP	≤ 5 ppb	Not detected	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
20	Net Weight	<input checked="" type="checkbox"/> Int. <input type="checkbox"/> Ext	USP	63.0 ~ 77.0g	69.41g	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
21	Disintegration	<input checked="" type="checkbox"/> Int. <input type="checkbox"/> Ext	USP USP	37 ± 2°, 30 min All of the capsules disintegrated within 30 min	6-8min	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
22	Packaging labels	<input checked="" type="checkbox"/> Int. <input type="checkbox"/> Ext	USP	Comply with design	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.				