

# Test Data From Certificate of Analysis Manufacturer

Report No. 20170204

|               |                   |              |           |             |               |
|---------------|-------------------|--------------|-----------|-------------|---------------|
| Product Name  | MDS Capsule       | #MO          | /         | Product SKU | HCD_FD-04-006 |
| Product Spec. | 90 Capsules (68g) | Quantity     | 1671      | Lot No.     | A170104A      |
| Mfg. Date     | 2017/01/04        | Expired Date | 24 Months | Report Date | 2017/02/17    |

| No.        | Testing Item                          | Mode:<br>Internal-<br>External   | According | Standard   | Results      | PASS/FAIL   |
|------------|---------------------------------------|--|-----------|--|--------------|---|
| 1          | Total Aerobic Microbial Count         | <input checked="" type="checkbox"/> Int. <input type="checkbox"/> Ext  | Contract  | ≤ 1000 cfu/g   | <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  | <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  | <10 cfu/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%  | 5.88%        | <input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL |
| 9          | Residue on ignition                   | <input checked="" type="checkbox"/> Int. <input type="checkbox"/> Ext  | USP       | ≤ 15%  | 14.68%       | <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   | 2.6ppm       | <input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL |
| 14         | Heavy metal                           | <input checked="" type="checkbox"/> Int. <input type="checkbox"/> Ext  | Contract  | ≤ 20 ppm   | <20ppm       | <input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL |
| 15         | Lead                                  | <input type="checkbox"/> Int. <input checked="" type="checkbox"/> Ext  | Contract  | ≤ 2.0 ppm  | 0.14ppm      | <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  | USP       | ≤ 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       | 61.2g - 74.8g  | 67.57g       | <input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL |
| 21         | Disintegration                        | <input checked="" type="checkbox"/> Int. <input type="checkbox"/> Ext  | USP       | 37 ± 2°, 30 min<br>All of the capsules disintegrated within 30 min | 6 - 7 min    | <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.<br><input type="checkbox"/> This batch of products does not comply with USP standard and contract requirements, test results is FAILED. |           |  |              |   |