## Certificate of Analysis

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| Product name: | 100:1 Aloe Vera Gel Freeze-dried Powder | | |
| Plant Latin name: | Aloe Barbadensis Miller | Used part: | Gel |
| Batch Number: | NF-20191108 | Manu. Date: | Nov.08.2019 |
| Batch Size | 1200kg | Expiration Date: | Nov.07.2021 |
| Net Weight: | 1200kg | Report Date | Nov.08.2019 |
| Storage Condition: | Preserve in tight containers at controlled room temperature . | | |

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| **Item** | | **Specification** | | **Result** | |
| Appearance | | Clear to off-white powder | | Conforms | |
| Odor | | Characteristic | | Conforms | |
| Taste | | Characteristic | | Conforms | |
| O-acetyl polysaccharide | | ≥37500 (mg/kg) | | 53920.00 | |
| Aloin (HPLC) | | ≤0.1ppm | | Not Detected | |
| PH (1% solution) | | 3.5~5.0 | | 4.32 | |
| Absorbency(1% solution, 400nm) UV | | ≤0.20 | | 0.009 | |
| Particle Size | | 100% through 80 mesh | | Conforms | |
| Loss on Drying | | ≤5.0% | | 2.67% | |
| Heavy metals | | | | | |
| Total Heavy Metals | | ≤20ppm | | Conforms | |
| Pb | | ≤3ppm | | Conforms | |
| As | | ≤2ppm | | Conforms | |
| Microbiological Tests | | | | | |
| Total Plate Count | | ≤1000cfu/g | | Conforms | |
| Total Yeast & Mold | | ≤500cfu/g | | Conforms | |
| Coliform | | ≤3MPN/g | | Conforms | |
| Pathogenic bacterium | | Negative | | Not Detected | |
| Conclusion: | | Conforms | | | |
| Tested by: | Fangchao Yang | | Approved by: | | JichengNiu |