

## CERTIFICATE OF ANALYSIS

|              |                   |               |               |
|--------------|-------------------|---------------|---------------|
| Product Name | Konjac Gum(PY20H) | Batch No      | 43 202012 024 |
| Quantity     | 1000KG            | Analysis Date | Dec.08,2020   |
| Mfg. Date    | Dec.05,2020       | Exp. Date     | Dec.04,2022   |

| No. | Item                | Specification                       | Result      |
|-----|---------------------|-------------------------------------|-------------|
| 1.  | Appearance          | White odorless powder               | Complies    |
| 2.  | Particle Size       | ( $\geq 120$ Mesh)90%               | 91.0%       |
| 3.  | Viscosity           | $\geq 20000\text{mPa}\cdot\text{s}$ | 23000mPa•s  |
| 4.  | Moisture Content    | $\leq 10\%$                         | 6.8%        |
| 5.  | Glucomannan Content | $\geq 92\%$                         | 92.4%       |
| 6.  | Transparence        | $\geq 60\%$                         | 68.0%       |
| 7.  | pH                  | 5.0~7.0                             | 6.0         |
| 8.  | Ash                 | $\leq 3.0\%$                        | 1.50%       |
| 9.  | Pb                  | $\leq 0.8\text{ppm}$                | 0.1ppm      |
| 10. | As                  | $\leq 3.0\text{ppm}$                | 0.1ppm      |
| 11. | SO <sub>2</sub>     | $\leq 10\text{ppm}$                 | 8.32ppm     |
| 12. | Total Plate Count   | $\leq 3,000\text{cfu/g}$            | <1,000cfu/g |
| 13. | Yeasts & Molds      | $\leq 100\text{cfu/g}$              | <100cfu/g   |
| 14. | E.Coli              | Negative                            | Negative    |

15. Viscosity test conditions: 1% solution,permanent 30℃temperature, BROOKF IELD rotating viscometer(RVDV-II+P), No.7rotor,12rolls/min.  
Transparence test condition:0.5% solution,cuvette 1cm \* 1 cm, 550 nm wavelength

Storage: Temperature is equal to or below 10℃ $\pm$ 1℃, humidity is less than or equal to 50%.

Conclusion: Conform with specification.

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