



Certificate of Analysis

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|-----------------------|-------------------------|---------------------|------------|
| Product Name | Quillaja Extract Powder | Mfg. Date | 2023.05.20 |
| Batch Quantity | 800kg | Testing Date | 2023.05.20 |
| Batch No. | PB230520 | Exp. Date | 2025.05.19 |

| Items | Specifications | Results |
|------------------------|---------------------------------|----------|
| Assay | 60%NLT | 65.2% |
| Appearance | Brown powder | Complies |
| Odor | Characteristic | Complies |
| Particle Size | 100% pass 80mesh | Complies |
| Loss on Drying | ≤5.0% | 1.52% |
| Ash | ≤3.0% | 1.07% |
| Heavy Metals | ≤10ppm | Complies |
| Pb | ≤1ppm | Complies |
| As | ≤1ppm | Complies |
| Microbiological | | |
| Total Plate Count | ≤1,000cfu/g | Complies |
| Yeast & Mold | ≤1,00cfu/g | Complies |
| E.Coil | Negative | Complies |
| Salmonella | Negative | Complies |
| Staphylococcus | Negative | Complies |
| Conclusion | Conform with in house standard. | |

Storage: Store in cool & dry place, keep away from strong light and heat.

Shelf Life: 2 years when properly stored.

