

CERTIFICATE OF ANALYSIS

Product and Batch Information

| | | | |
|----------------------|-------------------------|---------------------------|--------------------|
| Product Name: | Acai fruit extract | Country of Origin: | P. R. China |
| Botanic Name: | <i>Euterpe oleracea</i> | Batch No.: | 2026021317 |
| Part Used: | Fruit | Manufacture Date: | 2026-02-13 |
| Solvent Used: | Ethanol & Water | Analysis Date: | 2026-02-13 |
| Ananalysis: | 500kg | | |
| Analysis Item | Specification | Result | Test Method |

Active Ingredieints

| | | | |
|----------------------|------|------|--|
| Extract ratio | 10:1 | 10:1 | |
|----------------------|------|------|--|

Physical Control

| | | | |
|-----------------------|----------------------|----------|----------------|
| Identification | Positive | Complies | TLC |
| Appearance | Violet red powder | Complies | Visual |
| Odor | Characteristic | Complies | Organoleptic |
| Taste | Characteristic | Complies | Organoleptic |
| Sieve Analysis | NLT 95% pass 80 mesh | Complies | 80 Mesh Screen |
| Loss on Drying | 5% Max | 2.80% | 5g/105°C/5hrs |
| Ash | 10% Max | 3.14% | 2g/525°C/5hrs |

Chemical Control

| | | | |
|----------------------------|-----------------|----------|--------------------|
| Arsenic (As) | NMT 2ppm | Complies | Atomic Absorption |
| Cadmium(Cd) | NMT1ppm | Complies | Atomic Absorption |
| Lead (Pb) | NMT3ppm | Complies | Atomic Absorption |
| Mercury(Hg) | NMT0.1ppm | Complies | Atomic Absorption |
| Heavy Metals | 10ppm Max | Complies | Atomic Absorption |
| Pesticides Residues | NMT 1ppm | Complies | Gas Chromatography |
| Benzo(a)pyrene | 10ppb Max | Complies | Gas Chromatography |
| PAH | 50ppb Max | Complies | Gas Chromatography |
| Irradiation status | Non irradiation | Complies | |

Microbiological Control

| | | | |
|--------------------------|----------------|----------|--------|
| Total Plate Count | 10000cfu/g Max | Complies | CP2005 |
| P.aeruginosa | Negative | Complies | CP2005 |
| S. aureus | Negative | Complies | CP2005 |
| Salmonella | Negative | Complies | CP2005 |
| Yeast & Mold | 100cfu/g Max | Complies | CP2005 |
| E.Coli | Negative | Negative | CP2005 |

Packing and Storage

| | | | |
|------------------------|--|--|--|
| Packing | 25kg/drum Packing in paper-drums and two plastic-bags inside | | |
| Storage | Store in a well-closed container away from moisture. | | |
| Shelf Life | 3 years if sealed and store away from direct sun light. | | |
| Expiration Date | 2029-02-12 | | |

Analyst: Jinxuejun

QC manager: Qibinbin

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