



CERTIFICATE OF ANALYSIS

Grapefruit Seed Extract Powder

Batch Number	TKGS-20260504
Manufacture Date	May 04 2026
Retest Date	May 03 2028
Molecular Weight	Not Provided
CAS Number	Not Provided

Tests	Specifications	Results
Appearance	Light-brown powder	Conforms
Identification	HPLC	Conforms
Odor	Characteristic	Conforms
Loss on drying	$\leq 5.0\%$	3.46%
Residue on ignition	$\leq 5.0\%$	1.72%
Heavy metals	≤ 20 ppm	Conforms
Arsenic (As)	< 0.5 ppm	Conforms
Lead (Pb)	< 0.5 ppm	Conforms
Cadmium (Cd)	< 0.05 ppm	Conforms
Mercury (Hg)	ND	ND
Acephate	< 0.1 ppm	Conforms
Methamidophos	< 0.1 ppm	Conforms
Parathion	< 0.1 ppm	Conforms
PCNB	< 10 ppb	Conforms
Total plate count	≤ 1000 cfu/gr	Conforms
Yeast & mold	≤ 100 cfu/gr	Conforms
E. coli	Negative	Negative
Salmonella	Negative	Negative
Particle size	100% thru 80 mesh	Conforms
Assay (TLC)	$\geq 10:1$	10.2:1

Conclusion: Material complies with in-house standard

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

Storage Disclaimer: Storage conditions are provided by the manufacturer and are intended to maximise product shelf life during long-term storage.

Certificate Disclaimer: This certificate is a reformatted interpretation of analytical results supplied on the original manufacturer's Certificate of Analysis. Results and specifications are based on information provided by the manufacturer.