

# AKÖMA™

## FROM THE HEART

### CERTIFICATE OF ANALYSIS GRAPEFRUIT EXTRACT

#### DESCRIPTION

**Product:** Grapefruit Extract  
**INCI Name:** *Citrus Grandis Seed Extract & Glycerine & Ascorbic Acid & Aqua*  
**CAS No:** Not Applicable  
**EINECS No:** Not Applicable  
**Manufacturing Method:** Anti-microbial compound produced from the seed & pulp of citrus grandis, then blended with glycerine & ascorbic acid & aqua.

#### CHARACTERISTICS

ANALYTICAL DETAILS	RANGE %	RESULTS
Appearance	Viscuous Liquid	-
Odour	Characteristic, Grapefruit	-
Colour	Yellow – Brown	-
Specific Gravity @ 20°C	1.200 – 1.275	1.245
Total Flavonoids (e.g Naringin, Narirutin, Hesperidin, Neohesperidin ) (mg/100ml)	>600	-
Ascorbic Acid (mg / 100ml)	APPROX. 3.45	3.87
<b>QUATERNARY AMMONIUM COMPOUNDS:</b>		
BAC-C12 Benzyltrimethyl Dodecylammonium Chloride	Not Detected	-
BAC-C14 Miristalkonium Chloride	Not Detected	-
BAC-C16 Cetalkonium Chloride	Not Detected	-
DDAC Didecyltrimethylammonium Chloride	Not Detected	-
BEC Benzethonium Chloride	Not Detected	-
<b>MICROBIOLOGY:</b>		

Aerobic Mesophile Total Microbial Count (cfu /g)	< 10.0	-
Bile – Tolerant Gramnegative Bacteria (cfu /g)	< 100.0	-
Yeast Mould (cfu /g)	< 100.0	-
Escherichia Coli (cfu /g)	Not Detected	-
Staphylococcus Aureus (cfu /g)	Not Detected	-
Salmonella (cfu /g)	Not Detected	-
<b>PESTICIDES:</b>		
Arsenic (PPM)	< 0.05	0.04
Cadmium (PPM)	< 0.025	0.01
Mercury (PPM)	< 0.025	0.01
Lead (PPM)	< 0.025	0.02

Storage Conditions:

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

K0015  
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