



The Soap Kitchen
Unit E Swinton Bridge Industrial Estate
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CERTIFICATE OF ANALYSIS

PRODUCT NAME: Grapefruit Seed Extract

Customer:	The Soap Kitchen	Order No:	PO#478680
Quantity:	2 x 5 kilos	Batch No:	KMO1571
Date:	14.04.2023	Code No:	TSK-EXT001
Ref:	3395201		

Appearance: Liquid, yellow brown.
Odour: Characteristic

TEST	SPECIFICATIONS	RESULTS
Relative Density @ 20°C	1.200 – 1.250	1.245
Total Flavonoids	> 600 mg/100ml	>600
Ascorbic Acid	3.45 mg/100ml approx	3.87

QUATERNARY AMMONIUM COMPOUNDS	SPECIFICATIONS	RESULTS
BAC-C12 Benzyldimethyl dodecylammonium chloride	Not detected	Complies
BAC-C14 Miristalkonium chloride	Not detected	Complies
BAC-C16 Cetalkonium chloride	Not Detected	Complies
DDAC Didecyldimethylammonium chloride	Not detected	Complies
BEC Benzethonium chloride	Not Detected	Complies

MICROBIOLOGY	SPECIFICATIONS	RESULTS
Aerobic mesophile total microbial count	<10.0 cfu/g	<10
Bile-tolerant gramnegative bacteria	<100.0 cfu/g	<100
Escherichia Coli	Not Detected	Not Detected
Yeast	<100.0 cfu/g	<100
Staphylococcus Aureus	Not Detected	Not Detected
Salmonella	Not Detected	Not Detected

PESTICIDES	SPECIFICATIONS	RESULTS
Arsenic (ppm)	< 0.05	< 0.04
Cadmium (ppm)	< 0.025	< 0.01
Mercury (ppm)	< 0.025	< 0.01
Lead (ppm)	< 0.025	< 0.02

Date of Packing: March 2023
Date of Expiry: March 2026