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CERTIFICATE OF ANALYSIS

PRODUCT NAME & SKU: Grapefruit Seed Extract EXT001

Product Name:	Grapefruit Seed Extract		
Customer:	Soap Supplier	Customer Ref:	
Date:	18/04/2024	Batch no:	47072-04

Analytical Test	Specification	Result
Appearance	Liquid yellow brown	Conforms
Odour	Characteristic	Conforms
Specific Gravity @ 20°C (g/ml)	1.200 – 1.250	1.2398
Total Flavonoids (e.g Naringin, Narirutin, Hesperidin, Neohesperidin) (mg/100ml)	> 600	Complies
Ascorbic Acid (mg / 100ml)	Approx.3.45	3.53
Quaternary Ammonium Compounds:		
BAC-C12 Benzyltrimethyl dodecylammonium chloride	Not detected	Complies
BAC-C14 Miristalkonium chloride	Not detected	Complies
BAC-C16 Cetalkonium chloride	Not detected	Complies
DDAC Didecyltrimethylammonium chloride	Not detected	Complies
BEC Benzethonium chloride	Not detected	Complies
Microbiology:		
Aerobic mesophile total microbial count (cfu /g)	< 10.0	Complies
Bile – tolerant gramnegative bacteria (cfu /g)	< 100.0	Complies
Yeast Mould (cfu /g)	< 100.0	Complies
Escherichia coli (cfu /g)	Not detected	Complies
Staphylococcus aureus (cfu /g)	Not detected	Complies
Salmonella (cfu /g)	Not detected	Complies
Pesticides :		
Arsenic (ppm)	< 0.05	Complies
Cadmium (ppm)	< 0.025	Complies
Mercury (ppm)	< 0.025	Complies
Lead (ppm)	< 0.025	Complies