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GREEN PROPOLIS EXTRACT FROM BRAZIL
SYMBOL: DEP/BRG/20/01

Product	green Propolis Extract Powder from Brazil
General information	
Raw material name	Propolis
Concentration	20%
Origin	Brasil
ingredients	brazilian Green Propolis Extract, starch and silicon dioxide.
Storage conditions	store the container tightly closed in a cool, dry place.
Organic origin	<i>Baccharis dracunculifolia</i>
Organoleptic properties	
Taste	strong and bitter
Colour	yellowish powder
Fragrance	characteristic for <i>Baccharis dracunculifolia</i>
Packaging	nylon plastic bag 5kg

PHYSICOCHEMICAL CONTROL

Test	Specification	Result
Granulometry	Min. 80% ≤ 80 mesh	96%
Flavonoid Identification	Present	Compliant
Phenolic Compounds Identification	Present	Compliant
pH (10% aqueous solution at 25°C)	3.0 – 8.0	5.25
Moisture Content	Max. 8.0%	4.90%
Oxidation Index	Max. 22 seconds	10 seconds
Bulk Density	0.60 ± 0.20 g/cm ³	0.820 g/cm ³
Flavonoid Compounds	Min 8,500 mg/100g	8,700 mg/100g
Phenolic Compounds	Min. 1,500 mg/100g	2,500 mg/100g
p-Coumaric Acid	Present	Compliant
Cinnamic Acid	Present	Compliant
Diethylene Glycol	Not detected	Compliant
Artepillin C	Min 500 mg/100g	1,200 mg/100g

ANTIBIOTIC RESIDUE TESTS

Test	Specification	Result
Chlortetracycline	Max 0.05 mg/kg	< 0.05
Oxytetracycline	Max 0.05 mg/kg	< 0.05
Tetracycline	Max 0.05 mg/kg	< 0.05

HEAVY METALS TESTS

Test	Specification	Result
Pb – Lead	Max 0.3 mg/kg	< 0.050
Hg – Mercury	Max 0.1 mg/kg	< 0.050
As – Arsenic	Max 0.3 mg/kg	< 0.050
Cd – Cadmium	Max 0.3 mg/kg	< 0.050

MICROBIOLOGICAL CONTROL

Test	Specification	Result
Total Bacterial Count	Max 3 x 10 ³ CFU/g	Absent/g
Total Coliform Bacteria	Absent/g	Absent/g
Escherichia coli	Absent/g	Absent/g
Staphylococcus aureus	Absent/g	Absent/g
Mould and Yeast	Max 1 x 10 ³ CFU/g	Absent/g
Salmonella spp (test)	Absent/25g	Absent/25g