




Ambe NS Agro Products Pvt. Ltd.

(AN ISO 9001:2015, WHO GMP, HACCP, KOSHER, HALAL, USFDA, FSSAI, USDA ORGANIC CERTIFIED COMPANY)

CERTIFICATE OF ANALYSIS		
PRODUCT : Quercetin 95%	REPORT NO : AMB/2022/COA	
BATCH NO. : AMBQE2202	DATE OF ANALYSIS : 14-06-2022	
DATE OF MFG : 07-06-2022	EXPIRY DATE : 06-06-2024	
BATCH SIZE : 1000.00Kgs	STORAGE : Cool & dark place	
TEST PARAMETERS	SPECIFICATION	RESULTS
Product name	Quercetin	Complies
Botanical Source	Sophorae Japonica	Complies
Description	Yellow Palletted Form	Complies
Odour and taste	Characteristics	Complies
Identification	Positive	Complies
pH	5.3 - 6.0	5.8
Loss on drying at 105°C using IR balance (%w/w)	NMT-5.0%w/w	3.17% w/w
Ash Content	NMT-5.0%w/w	2.4 %
Moisture content	NMT- 10.0 %	5.6 %
Mesh Size : passes through 40- 60 mesh	NLT- 95%	Complies
Bulk Density	0.62 gm/cm ³	Complies
Assay: Quercetin content	NMT-95.0 - 99%	95.04 %
Total Heavy Metal (in ppm)	NMT-10 ppm	Complies
a) Lead (Pb)	NMT-3.0 ppm	1.14 ppm
b) Arsenic (As)	NMT-1.0 ppm	0.059 ppm
c) Cadmium (Cd)	NMT-1.0 ppm	0.087 ppm
d) Mercury (Hg)	NMT-0.5 ppm	0.007 ppm
Microbiological Analysis (Cfu/gm)		
Total plate count	NMT-10,000 cfu/gm	Complies
E.coli	Absent	Absent
Salmonella	Absent	Absent
Pseudomonas aeruginosa	Absent	Absent
Staphylococcus aureus	Absent	Absent
Yeast & mould counts	NMT-100 cfu/gm	Complies
# NLT- Not less than, # NMT- Not more than, # Cfu/gm- colony forming unit/gram# WI-Work Instruction		
Storage Conditions: Store away from moisture, freezing and average heat above 35°C.		
Note :- Since it is an herbal product, there is likely to be minor colour variation from batch to batch because of the seasonal variations of the raw materials, Colour not affect the quality and efficacy of the product.		


Analysed by


Checked by


Approved by

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