

Specification code **RCE/2/OP/E**

Date **29/07/2025**

Product description

Botanical name	Trifolium pratense L
Standardization	Isoflavones
Extraction solvent	Ethanol & Water
Plant part used	Aerial parts
Production Method	Extraction
Appearance	Brown to greenish brown color powder
Odour & Taste	Characteristic odor and taste

Microbiological analysis

Total plate count	Not more than 1000cfu/g
Total yeast and mold count	Not more than 100cfu/g
Escherichia coli	Absent / g
Salmonella spp.	Absent /25g
Staphylococcus aureus	Absent / g

Others specs

Sanitizing treatment	Non –irradiated and not treated with ETO (NMT 0.01ppm)
GMO Status	GMO-free
Storage	Store in a cool and dry place away from sunlight and heat. The preferred storage is 250°C ±20°C.
Packaging	25 kg drum

Physical chemical analysis

Loss on drying	Not more than 5.0%w/w
Untapped bulk density	Between 0.30 to 0.60g/ml
Tapped bulk density	Between 0.40 to 0.80g/ml
Particle size	NLT 95.0% passing through 80 mesh
Residual pesticides	Meet EC <396/2005>
Pyrrolizidine alkaloids	Not more than 400ppb
Ochratoxin A	Not more than 10.0ppb
Iron particles	Not more than 10.0 ppm
Content of isoflavones	Not less than 40.0% w/w
Lead	Not more than 3.0 ppm
Arsenic	Not more than 1.0 ppm
Cadmium	Not more than 1.0 ppm
Mercury	Not more than 0.1 ppm
Total Aflatoxin (B1, B2, G1, G2)	Not more than 4 ppb
Aflatoxin B1	Not more than 2 ppb
Poly Aromatic Hydrocarbons (PAHs)	Not more than 50 ppb
Benzo(a) pyrene	Not more than 10 ppb
Ethanol	Not more than 4000ppm
Other solvents	Nil

Our certificates



Foodcom S.A.
Komecy 2/3 , 02-517 Warsaw
NIP: 5213680286,
REGON:147463542
www.foodcom.eu

Formulated

Approved by

Dagmara Biardzka
dbiardzka@foodcom.pl

Mateusz Augustyniak
maugustyniak@foodcom.pl