



EXOCYAN[®] THV

GREEN TEA EXTRACT 80% POLYPHENOLS

DATA SHEET

DESIGNATION

Spraydried water extract from exclusively East African green tea, guaranteed solvent and GM free. The extract's profile is similar to that of the tea leaves.

SPECIFICATIONS

Appearance:	Light green to light brown powder
Taste:	Characteristic of green tea (bitter)
Water content:	6 % max.

ANALYSIS (dry mat.)

Total Polyphenols expressed as catechins

UV (D.O. 280nm) assay: > 80%

Folin assay: > 30%

Among which (on total polyphenols) (HPLC):

Gallic acid:	1 to 10%
Epigallocatechin:	10 to 40%
Catechin:	5 to 15%
Epicatechin:	5 to 10%
Epigallocatechin Gallate:	10 to 30%
Catechin Gallate:	10 to 20%
Epicatechin Gallate:	15 to 20%

Caffein: < 10%

Solubility: Soluble in water

pH in a 5% Solution: 2 to 4

Heavy metals: < 20 ppm

Ashes: 1 to 10%

MICROBIOLOGY

Total Plate Count: < 5000 u/g

Yeast/Moulds: < 200 u/g

PACKAGING

25 kg cardboard drums.

STORAGE

Hygroscopic product, store in a dry place.

Best used within: 24 months.

APPLICATIONS

- Free scavenger, antioxidant and angio-protection attached to polyphenols
- Dietary supplements, Functional Foods & Beverages