

# Foreverest Resources Ltd

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## Tea Polyphenol

Tea Polyphenol is naturally found in tea. It appears pale yellow powder with the odor of tea. Flavanols (catechins) accounted for about 70% of total tea polyphenols. It is one of the main components to form the color, fragrance and taste of tea. Tea Polyphenol has the function of preventing radioactive substances from invading the bone marrow. Polyphenols, flavonoids, catechins and EGCG are powerful antioxidants that appear to interfere with and reduce the spread of certain types of cancer cells. The antioxidant activity of EGCG in green tea extract is purportedly up to 100 times more powerful than that of vitamin C or E.

- Eliminating free radicals
  - Anti-Aging
  - Radioresistance
  - Inhibiting cancer cell
  - Antibacterium, sterilization and deodorization
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# Substance Identification

Synonyms	henol homopolymer
CAS	N/A
EINECS	N/A
FEMA	N/A
HS.CODE	N/A
Molecular Formula	C6-H6-O)x-
Moleclar Weight	94.1124

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## Application & Uses

- applied in food field, it is used as natural antioxidant, antistaling agent, and anti-fading agents.
- as cosmetics and daily chemical additive, it owns the effect of anti-wrinkle and anti-Aging. It can dispel spot, prevent and treat skin disease and sensibility, decayed tooth, dental plaque, periodontitis and halitosis, protect skin from the harmful solar ray and prevent skin cancer.
- applied in pharmaceutical field, it is used to prevent and cure cardiovascular disease, diabetes. It owns the effect of sterilization and antivirus

## Sales Specification

ITEM	VALUE
Appearance	light yellow powder
Odor	tea perfume
Sieve, pass 80 mesh, %	100
Total Tea polyphenols, UV, %	≤98.0
Catechins, HPLC, %	≥75
EGCG, HPLC, %	≥45
Caffeine, HPLC, %	≤0.5
Ash, %	≤3.0
Loss on drying, %	≤6.0
Total heavy metals, ppm	≤10.0
As, ppm	≤1.0
Pb, ppm	≤0.5
Total plate count, cfu/g	≤1000
Yeast & mould, cfu/g	≤100

## Package

- Aluminum Foil Bag, 1kg net each, double-layer PE inside with Paper Carton outside
- Aluminum Foil Bag, 5kg net each, double-layer PE inside with Paper Carton outside
- Fiber Drum, 10kg net each, two-plastic bags inside available
- Fiber Drum, 25kg net each, two-plastic bags inside available
- Packaging can be made to orders

## GHS Hazard Statements

H-Code	H340/350
P-Code	P203/280/281/318/405/501
Response	no data available
Storage	no data available
Disposal	no data available

## Storage

- stored in a cool and dry well-closed container and in ventilated area
- kept away from moisture and strong light or high temperature
- two years under well storage situation and stored away from direct sun light

## Relation Products

- [Tea Tree Oil](#)

- [Camellia Oleifera Oil Refined](#)

## Relation Articles

- [Enjoying The Benefits Of Sun, In And Out](#)
- [New product, Camellia Oleifera Seeds Oil for cosmetic products](#)
- [Recent advances in bio-based epoxy resins and bio-based epoxy curing agents](#)
- [Synthesizing the Future](#)

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## Remark

*The above information is believed to be accurate and presents the best explanation currently available to us. We assume no liability resulting from above content. The technical standards are formulated and revised by customers' requirement and us, if there are any changes, the latest specification will be executed and confirmed in the contract.*