



# TEAVIT GmbH

## Specification TP-30

TP-30 is a Green Tea Extract made from high quality green tea leaves from the Camellia sinensis plant and is manufactured under an extensive safety and pesticide controlled process in every production batch. Aluminum content of each batch is tested. The product is certified by Kosher and Halal. TP-30 is a mildly bitter extract and is therefore ideal for use in beverages and dietary supplements.

### Application:

Wide variety of food, beverages, confectionaries (chewing gum) and dietary supplements.

### Specification:

<u>Examination Item</u>	<u>Specification value</u>	<u>Method and Conditions</u>
Appearance	Yellow – brownish powder	Visual observation
<b>Total Tea Polyphenols</b>	<b>Not less than 30 %</b>	<b>UV</b>
Total Tea Catechins	Not less than 15 %	HPLC
Epigallocatechin Gallate (EGCG)	Not less than 6 %	HPLC
Caffeine	Less than 15 %	HPLC
Moisture	Less than 6 %	105 °c for 3 hours
Ash	Less than 15 %	550 °C for 3 hours
Mesh Size	80 Mesh	
Bulk Density	0,35 – 0,52 g/ml	
Heavy Metals (as Pb)	Less than 10 ppm	Colorimetric
Arsenic	Less than 1 ppm	Atom-photospectrometry
Lead (Pb)	Less than 1 ppm	Atom-photospectrometry
Cadmium (Cd)	Less than 0,5 ppm	Atom-photospectrometry
Mercury (Hg)	Less than 0,1ppm	Atom-photospectrometry
Aerobic Plate Count	Less than 1.000 cfu/g	Standard plate agar
Mold & Yeast	Less than 100 cfu/g	Potato dextrose agar
Salmonella	Negative/25 g	
E-Coli	Negative/0,1 g	

### Packaging:

Net 10 kg or 25 kg paper drum in double PE film bag

### Storage Conditions:

Keep in original package, store in dark, cool and dry place

### Shelf life:

At least 36 months after manufacturing date in unopened package, if store under proper conditions.

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## TEAVIT GmbH

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