



TEAVIT GmbH

Specification CAF 90 %

Standard Powder Form

CAF 90 % is a natural caffeine 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. Manufactured by ethyl acetate, an EU approved food organic solvents.

Application:

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

Specification:

Examination Item	Specification value	Method and Conditions
Appearance	Off white, grayish powder	Visual observation
Taste	bitter	Organoleptic
Caffeine	more than 90 %	HPLC
Melting point	234° - 239° C	
Loss after Drying	less than 1,0 %	105 °c for 3 hours
Sulfated Ash	less than 0,5 %	550 °C for 3 hours
Mesh Size	> 95.0 % through 80 Mesh	Sieving
Heavy Metals (as Pb)	Less than 10 ppm	Colorimetric
Arsenic	Less than 2 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	

We certify that all manufacturing process was performed in full compliance of relevant procedures and the product conforms to EU- and US Pharmacopoeia.

Packaging:

Net 25 kg paper drum in double PE film bag

Storage Conditions:

Keep in original package, store in dark, cool and dry place. Keep away from strong direct light, moisture and heat.

Shelf life:

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

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