

Certificate of analysis

Product name: Green Tea Catechins 60% (GTP 60)
 Batch number: GTP-090101
 Expiry date: January 2011

Items	Specification	Test results	Remark
Appearance:	Fine yellow powder	Conforms	
Sieve analysis:	Pass 80 mesh	Conforms	
Part Used:	Green Tea Leaves	Conforms	
Bulk density:	40~45g/ 100 ml	43g/100 ml	Density meter
Moisture:	<5.0%	2.83%	5g/105°C/2h
Extract solvent:	Water	O.K.	
Carriers used:	None	O.K.	
Tea polyphenols:	>80%	82.625%	UV-VIS
Tea catechins:	>60%	61.541%	HPLC
EGC		7.010%	HPLC
DL-C		1.753%	HPLC
EC		5.754%	HPLC
EGCg		36.707%	HPLC
GCg		1.536%	HPLC
ECg		8.781%	HPLC
Caffeine:	<10%	9.202%	HPLC
Ash:	<5%	3.48%	2g/525°C/3h
Heavy metals:	<10ppm	Conforms	AA
Solvent residue	<10ppm	Absent	GC
Total bacteria:	<1,000cfu/g	Conforms	
E.Coli:	Negative	Conforms	
Salmonella:	Negative	Conforms	
Staphylococcus:	Negative	Conforms	
Mold:	<100cfu/g	Conforms	
Yeast:	<100cfu/g	Conforms	
Pesticides residue:	<0.1ppm	O.K.	GC



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