



Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#
510213	Tea Polyphenol (TP98) CAS#84650-60-2	B7B12C21

Chemical name
(-)-epicatechin (EC); (-)-epicatechin-3-gallate (ECG); (-)-epigallocatechin (EGC); (-)-epigallocatechin-3-gallate (EGCG); green tea extracts.

Chemical structure of major components
<p> <chem>Oc1c(O)c(O)c2c(c1)oc(O)c2</chem> (-)-Epicatechin (EC) </p> <p> <chem>Oc1c(O)c(O)c2c(c1)oc(O)c2OC(=O)c3c(O)c(O)c(O)c3</chem> (-)Epicatechin-3-gallate (ECG) </p> <p> <chem>Oc1c(O)c(O)c2c(c1)oc(O)c2</chem> (-)-Epigallocatechin (EGC) </p> <p> <chem>Oc1c(O)c(O)c2c(c1)oc(O)c2OC(=O)c3c(O)c(O)c(O)c3</chem> (-)Epigallocatechin-3-gallate (EGCG) </p>

Component	Quality standard	Test result
Appearance&colour	Yellow powder	Complies
polyphenols %	≥98	98.96
Catechins %		74.00
Monomer	EGC %	10.32
	DL-C %	2.70
	EC %	6.28
	EGCG %	46.28
	GCG %	1.83
	ECG %	7.59
Caffeine %	≤0.5	0.32
Water content %	≤5.0	3.39
Particle size	Not less than 100% pass 60 mesh	Qualified
Tapped density(g/cm ³)		0.50
Heavy metal (as Pb) ppm	≤10	Qualified
As ppm	≤2	Qualified
Microbiological Assay		
Total Bacteria	≤1000cfu/g	Qualified
Yeast&Mold	≤100cfu/g	Qualified
Salmonelia	Negative	Absent
E.Coli	Negative	Absent

Conclusion	This product conforms with MedKoo's quality's standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable enough for a few weeks during ordinary shipping and time spent in Customs.
Storage condition	0 – 4 °C under dry condition
Self life	At least 3 years if properly stored.

Label: