

Specification of GREEN TEA EXTRACT

45% EGCG

Product: GREEN TEA EXTRACT 45% EGCG

Type: Food Grade

Package:25KG Drum

| ITEMS | SPECIFICATION | METHOD | TEST RESULTS |
|-----------------------------------|--------------------------|------------------------|--------------|
| Physical&Chemical Data | | | |
| Color | Red Brown | Organoleptic | Conform |
| Odour | Characteristic | Organoleptic | Conform |
| Appearance | Fine Powder | Organoleptic | Conform |
| Analytical Quality | | | |
| Identification | Identical to R.S. sample | HPTLC | Identical |
| EGCG | ≥45.0% | HPLC | 45.11% |
| Sieve analysis | 100 % through 80 mesh | Eur.Ph. <2.9.12> | Conform |
| Loss on Drying | ≤5.0 % | Eur.Ph. <2.8.17> | 0.16 % |
| Total Ash | ≤10.0 % | Eur.Ph. <2.4.16> | 2.35 % |
| Bulk density | 40-60 g/100mL | Eur.Ph. <2.9.34> | 46 g/100mL |
| Contaminants | | | |
| Lead (Pb) | ≤3.0 mg/kg | Eur.Ph. <2.2.58>ICP-MS | 0.0155 mg/kg |
| Arsenic (As) | ≤2.0 mg/kg | Eur.Ph. <2.2.58>ICP-MS | 0.0324 mg/kg |
| Cadmium (Cd) | ≤1.0 mg/kg | Eur.Ph. <2.2.58>ICP-MS | <0.01 mg/kg |
| Mercury (Hg) | ≤0.1 mg/kg | Eur.Ph. <2.2.58>ICP-MS | <0.01 mg/kg |
| Solvents Residue | Meet Eur.Ph. <2.4.24> | Eur.Ph. <2.4.24> | Conform |
| Pesticides Residue | Meet Eur.Ph. <2.8.13> | Eur.Ph. <2.8.13> | Conform |
| Microbiological | | | |
| Total Plate Count | ≤1000 cfu/g | Eur.Ph. <2.6.12> | Conform |
| Yeast & Mold | ≤100 cfu/g | Eur.Ph. <2.6.12> | Conform |
| E.Coli. | Negative | Eur.Ph. <2.6.13> | Conform |
| Salmonella | Negative | Eur.Ph. <2.6.13> | Conform |
| General Status | | | |
| Non-Irradiation | ≤700 | EN <13751:2002> | 166 |

Shelf Life: 36 months

Store in a well-closed container Away from moisture,light, oxygen.