HEALTH SOURCES
NUTRITION CO.,LTD.

TECHNICAL DATA SHEET

Product code	030518
Product	Green coffee bean extract
Specification	45% Chlorogenic acids, UV
Part used	Seed
Botanical source	*Coffea arabica L.*

Items	Specification	Methods
Physical & chemical		
Color	Yellow brown	Organoleptic
Odor	Characteristic	Organoleptic
Appearance	Fine powder	Organoleptic
Analytical quality		
Identification	Identical to *R.S.* sample	HPTLC
Sieve analysis	90% through 60 mesh	Eur.Ph. <2.9.12>
Loss on drying	≤5.0%	Eur.Ph.7.0 [2.8.17]
Total ash	≤10.0%	Eur.Ph.<2.4.16>
Bulk density	40~60g/100mL	Eur.Ph.<2.9.34>
Tap density	60~90g/100mL	Eur.Ph.<2.9.34>
Active ingredient	≥Chlorogenic acids 45%	HPLC
Contaminants		
Lead (Pb)	≤3.0mg/kg	Eur.Ph.<2.2.58>ICP-MS
Arsenic (As)	≤2.0mg/kg	Eur.Ph.<2.2.58>ICP-MS
Cadmium (Cd)	≤1.0mg/kg	Eur.Ph.<2.2.58>ICP-MS
Mercury (Hg)	≤0.1mg/kg	Eur.Ph.<2.2.58>ICP-MS
Pesticides residue	Meet Eur.Ph. Requirements	Eur.Ph. <2.8.13>
Aflatoxin (B1+B2+G1+G2)	Meet Requirements	EC No 1881/2006
PAHs	≤50ppb	Eur.Ph.
Microbiological		
Total plate count	≤10000cfu/g	Eur.Ph. <2.6.12>
Yeast & mold	≤1000cfu/g	Eur.Ph. <2.6.12>
E. Coli.	Negative(Per 10grams)	Eur.Ph. <2.6.13>
Salmonella	Negative(Per 25grams)	Eur.Ph. <2.6.13>
General Status		
Non-Irradiation	≤700	EN13751:2002<PSL>

Net weight: 25kgs/Drum or Carton;

Gross weight: 27.5Kgs±0.5kg

24 months under 30℃ in a well-closed container and away from moisture, light, oxygen.

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