



## Sri Lanka Tea Board Standards for "Other Origin Teas"

1) Basic Requirement for Black Tea: ISO 3720: 1986/ Corrigendum 1: 1992(E) & 2:2004 (E)

<u>Name of Standard</u>	<u>Accepted Limit</u>	<u>Test Method Ref.</u>
1. Water Extract	min 32 % (m/m)	ISO 9768:1994
2. Total Ash	min. 4% (m/m) - max. 8% (m/m)	ISO 1575:1987
3. Water-soluble ash of total ash	min. 45% (m/m)	ISO 1576:1988
4. Alkalinity of water-soluble ash (As KOH)	min. 1.0% (m/m)-max. 3.0% (m/m)	ISO 1578:1975
5. Acid insoluble ash	max. 1.0% (m/m)	ISO 1577:1987
6. Crude fiber	max. 16.5% (m/m)	ISO 15598:1999

2) Foreign Matter - Completely free

(Teas should comply with ISO 3720:1986 parameters specified above)

3) Heavy Metals:

	<u>Accepted Limit</u>	<u>Test Method Ref.</u>
1. Iron	- max. 500 mg/kg	AOAC: 975.03 (2007)
2. Copper	- max. 100 mg/kg	AOAC: 971.20 (2007)
3. Lead	- max. 2 mg/kg	AOAC: 972.25 (2007)
4. Zinc	- max. 100 mg/kg	AOAC: 969.32 (2007)
5. Cadmium	- max. 0.2 mg/kg	AOAC: 973.34 (2007)

(AOAC - Association of Official Analytical Chemists)

4) Microbiological Requirement:

<u>Name of Standard</u>	<u>Accepted Limit</u>	<u>Test Method Ref.</u>
1. Aerobic plate count	max 10,000 cfu/g	SLS 516: Part 1:1991/ISO 4833:2003
2. Yeast & mould	max.1,000 cfu/g	SLS 516: Part 2:1991/ISO 21527-2:2008
3. Total <i>Coliforms</i>	max.10 MPN/g	SLS 516: Part 3:1982/ISO 4831:2006
4. <i>E.coli</i>	Absent / g	SLS 516: Part 3:1982/ISO 7251:2005
5. <i>Salmonella</i>	Absent / 25 g	SLS 516: Part 5:1992/ISO 6579:2002

5) Pesticide Residues:

Note: The MRLs given below for the respective pesticides could be used as the accepted standards established by the Sri Lanka Tea Board under the Sri Lanka Tea Board (Import & Export) Regulations 1981 - Scheme for import of tea for blending and export thereafter.

<u>Name of the Pesticide</u>	<u>Maximum Residues Limit (MRL) mg/kg (ppm)</u>
1. Acephate	0.05
2. Acetamiprid	0.1
3. Bifenthrin	5
4. Bromopropylate	0.1
5. Buprofezin	0.05
6. Chlorfenapyr	40
7 Chlorpyrifos (-ethyl)	0.1