



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

Name of the Pesticide	Maximum Residues Limit (MRL) mg/kg (ppm)
9 Cyhalothrin (-lambda)	0.01
10. Cypermethrin, total	0.5
11. DDT, total	0.00*
12. Deltamethrin	5
13. Dicofol	3.0
14. Dimethoate, total	0.00*
15. Dimethrin	0.04
16. Diphenylamine	0.05
17. Dithiocarbamate	0.1
18. Endosulfan, total	0.00*
19. Ethion	0.3
20. Fenazaquin	0.01
21. Fenpropathrin	0.01
22. Fenthion	0.01
23. Fenvalerate RR/SS	0.05
24. Fenvalerate RS/SR	0.05
25. Flusilazole	0.01
26. Fluvalinate (-Tau)	0.01
27. Glyphosate	1.0
28. Halfenprox	0.01
29. HCH, total without Lindane	0.00*
30. Hexaconazole	0.05
31. Imidacloprid, total	0.05
32. Isocarbophos	0.01
33. Lindane	0.00*
34. Malathion	0.5
35. Methamidophos	0.00*
36. Methidathion	0.1
37. Methomyl	0.00*
38. Monocrotophos	0.1
39. Paraquat	0.05
40. Permethrin, total	0.01
41. Pirimiphos-methyl	0.05
42. Profenofos	0.1
43. Propargite	5
44. Pyridaben	0.05
45. Quinalphos	0.00*
46. S 421	0.01
47. Tetradifon	0.05
48. Triazophos	0.02

0.00* Denotes that pesticides banned to use in Sri Lanka and are not permitted to appear in teas in any form as residues.

Sri Lanka Tea Board Standards for tea are subjected to periodical revision.