



NEOGEN FOOD AND ANIMAL SECURITY (INDIA) PVT. LTD.



Certificate No : TC - 6489

Uchikkal Lane, Poonithura P. O., Cochin - 682 038

Ph : 0484 - 2301582, 2306598

Email : infoindia@neogen.com

CIN : U74120KL2008PTC050404

■ NABL accredited Testing Laboratory vide Certificate Number TC - 6489 ■ FSSAI Notified Laboratory

■ Approved by Drugs controller of Kerala ■ Approved by the Kerala State Pollution Control Board - 'A' Grade ■ Tea Board Enlisted Laboratory

TEST REPORT

ULR - TC648920000013055F

Page 1 of 1

Date : 23/10/2020

Ref No: E-8099/20

Name & Address of Customer

: Krishna Coffee Works

Door No: 11/1346, Market Road, Palakkad-14

Sample Drawn by

: The Party

Particulars of the Sample

: Black tea

Sample code

: E-8099/20

Date of receipt of sample

: 15/10/2020

Date of analysis

: 15/10/2020-21/10/2020

Sample quantity received

: 270gm

Type of packing

: Aluminium Foil Pouch

Sample Identification given by the party CTC Black Tea, Batch Code: J002, Premium South Tea, Packed On: October 2020

Standard Referred

: FSS Regulations, 2011

Sample Condition

: Ambient, Sample Fit For Analysis

CHEMICAL TESTING

FOOD & AGRICULTURAL PRODUCTS

Parameters	Unit	Test Method	Result	Limit as per FSS Regulations, 2011
Alkalinity of W/S Ash as KOH (on dry basis)	%	FSSAI Manual for Beverages, Sugar & Confectionery :2015	2.06	1 - 3 %
Total Ash (on dry basis)	%	FSSAI Manual for Beverages, Sugar & Confectionery :2015	5.95	4 - 8 %
Water Soluble Ash	%	FSSAI Manual for Beverages, Sugar & Confectionery :2015	61.44	Min 45 %
Crude Fibre (on dry basis)	%	FSSAI manual for beverages, sugar and confectionary : 2015	14.91	Max 16.50%
Water Extract (on dry basis)	%	FSSAI Manual for Beverages, Sugar & Confectionery :2015	38.43	Min 32 %
Acid Insoluble Ash (on dry basis)	%	FSSAI Manual for Beverages, Sugar & Confectionery :2015	0.11	Max 1%
Iron Fillings (On dry basis)	mg/kg	FSSAI Manual for Beverages, Sugar & Confectionery :2015	25.91	Max 250

Total No. of Determinations : 7 (Seven Only)

CHECKED BY

GEORGE M.K.
TECHNICAL MANAGER
AUTHORISED SIGNATORY

NOTE-

1. The Test results relate only to the sample submitted for analysis.
2. Information of submitted samples as provided by Customer.
3. Perishable samples will be stored till end of analysis & non perishable samples for 1 month.
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TEST REPORT

ULR - TC648920000013055F

Page 1 of 3

Date : 23/10/2020

Ref No: E-8099/20/N1

Name & Address of Customer

: Krishna Coffee Works

Door No: 11/1346, Market Road, Palakkad-14

Sample Drawn by

: The Party

Particulars of the Sample

: Black tea

Sample code

: E-8099/20

Date of receipt of sample

: 15/10/2020

Date of analysis

: 15/10/2020-23/10/2020

Sample quantity received

: 270gm

Type of packing

: Aluminium Foil Pouch

 Sample Identification given by the party : CTC Black Tea, Batch Code: J002, Premium South Tea, Packed
 On: October 2020

Standard Referred

: FSS Regulations, 2011

Sample Condition

: Ambient, Sample Fit For Analysis

CHEMICAL TESTING

RESIDUE IN FOOD PRODUCTS

Parameters	Unit	Test Method	Result	Limit as per FSS Regulations, 2011
Heavy metals				
Arsenic (as As)	mg/kg	MOA/ICP-OES/01	BLQ(LOQ-0.5)	1.10 max
Copper (as Cu)	mg/kg	MOA/ICP-OES/01	10.67	150.0 max
Tin(as Sn)	mg/kg	MOA/ICP-OES/01	BLQ(LOQ-5.0)	250.0 max
Lead (as Pb)	mg/kg	MOA/ICP-OES/01	BLQ(LOQ-0.5)	5.0 max
Cadmium (as Cd)	mg/kg	MOA/ICP-OES/01	BLQ(LOQ-0.10)	1.50 max
Mercury (as Hg)	mg/kg	MOA/ICP-OES/01	BLQ(LOQ-0.5)	1.0 max
Pesticides				
2,4-D Amine Salt	mg/kg	MOA/LC-MSMS/01	BLQ(LOQ-0.01)	0.05 Max
Bifenthrin	mg/kg	MOA/GC-MSMS/01	BLQ(LOQ-0.01)	30.0 Max
Carbendazim	mg/kg	MOA/LC-MSMS/01	BLQ(LOQ-0.01)	0.5 Max
Carfentrazone ethyl	mg/kg	MOA/LC-MSMS/01	BLQ(LOQ-0.01)	0.02 Max
Chlorpyrifos	mg/kg	MOA/GC-MSMS/01	BLQ(LOQ-0.01)	2.0 Max

CHECKED BY

 K. K. KUMAR K
 IN CHARGE - INSTRUMENTATION
 AUTHORISED SIGNATORY

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Page 2 of 3

Cyflumetofen	mg/kg	MOA/LC-MSMS/01	BLQ(LOQ-0.01)	0.05 Max
Deltamethrin	mg/kg	MOA/GC-MSMS/01	BLQ(LOQ-0.01)	5.0 Max
Fenpropathrin	mg/kg	MOA/GC-MSMS/01	BLQ(LOQ-0.01)	2.0 Max
Emamectin benzoate	mg/kg	MOA/LC-MSMS/01	BLQ(LOQ-0.01)	0.01 Max
Etoxazole	mg/kg	MOA/LC-MSMS/01	BLQ(LOQ-0.01)	15.0 Max
Fenazaquin	mg/kg	MOA/LC-MSMS/01	BLQ(LOQ-0.01)	3.0 Max
Fenpyroximate	mg/kg	MOA/LC-MSMS/01	BLQ(LOQ-0.01)	2.0 Max
Flubendiamide	mg/kg	MOA/LC-MSMS/01	BLQ(LOQ-0.01)	50.0 Max
Fluvalinate (I,II)	mg/kg	MOA/GC-MSMS/01	BLQ(LOQ-0.01)	0.01 Max
Glufosinate ammonium	mg/kg	MOA/LC-MSMS/01	BLQ(LOQ-0.01)	0.01 Max
Glyphosate	mg/kg	MOA/LC-MSMS/01	BLQ(LOQ-0.01)	1.0 Max
Hexaconazole	mg/kg	MOA/LC-MSMS/01	BLQ(LOQ-0.01)	0.02 Max
Hexythiazox	mg/kg	MOA/LC-MSMS/01	BLQ(LOQ-0.01)	15.0 Max
Lamda Cyhalothrin	mg/kg	MOA/GC-MSMS/01	BLQ(LOQ-0.01)	0.05 Max
Oxyflourfen	mg/kg	MOA/GC-MSMS/01	BLQ(LOQ-0.01)	0.2 Max
Paraquat Dichloride	mg/kg	MOA/LC-MSMS/01	BLQ(LOQ-0.01)	0.2 Max
Propargite	mg/kg	MOA/LC-MSMS/01	BLQ(LOQ-0.01)	10.0 Max
Propiconazole	mg/kg	MOA/LC-MSMS/01	BLQ(LOQ-0.01)	0.1 Max
Quinalphos	mg/kg	MOA/LC-MSMS/01	BLQ(LOQ-0.01)	0.01 Max
Spiromesifen	mg/kg	MOA/LC-MSMS/01	BLQ(LOQ-0.01)	70.0 Max
Thiacloprid	mg/kg	MOA/LC-MSMS/01	BLQ(LOQ-0.01)	5.0 Max
Thiamethoxam	mg/kg	MOA/LC-MSMS/01	BLQ(LOQ-0.01)	20.0 Max
Bitertanol	mg/kg	MOA/LC-MSMS/01	BLQ(LOQ-0.01)	0.05 Max
Zineb as CS2	mg/kg	MOA/GC-MSMS/01	BLQ(LOQ-0.01)	0.01 Max
Mancozeb	mg/kg	MOA/GC-MSMS/01	BLQ(LOQ-0.01)	0.01 Max

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ARUN K
IN CHARGE INSTRUMENTATION
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Page 3 of 3

Clothianidin (Clothianidin and its metabolites Thiazolymethylguanidi ne (TMG), Thiazolymethylurea (TZMU), Methylnitroguanidine (MNG) TMG)	mg/kg	MOA/LC-MSMS/01	BLQ(LOQ-0.01)	0.7 Max
Dicofol (sum of o,p' and p,p' isomers)	mg/kg	MOA/GC-MSMS/01	BLQ(LOQ-0.01)	40.0 Max
Ethion (Residues to be determined as ethion and its oxygen analogue and expressed as ethion)	mg/kg	MOA/LC-MSMS/01	BLQ(LOQ-0.01)	5.0 Max

Note : BLQ-Below Quantification Limit, LOQ-Limit of Quantification
Total No. of Determinations : 39 (Thirty-Nine Only)

End of Report


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TEST REPORT

Ref No: E-8099/20/N2

Name & Address of Customer

: Krishna Coffee Works

Door No: 11/1346, Market Road, Palakkad-14

Page 1 of 1

Date : 23/10/2020

Sample Drawn by : The Party
Particulars of the Sample : Black tea
Sample code : E-8099/20
Date of receipt of sample : 15/10/2020
Date of analysis : 15/10/2020-23/10/2020

Sample quantity received : 270gm
Type of packing : Aluminium Foil Pouch
Sample Identification given by the party CTC Black Tea, Batch Code: J002, Premium South Tea, Packed
On: October 2020
Standard Referred : FSS Regulations, 2011
Sample Condition : Ambient, Sample Fit For Analysis

CHEMICAL TESTING


RESIDUE IN FOOD PRODUCTS

Parameters	Unit	Test Method	Result	Limit as per FSS Regulations, 2011
<i>Heavy metals</i>				
Methyl Mercury	mg/kg	In house Method (MOA/INS/01)	BLQ(LOQ-0.10)	0.25 max

Note : BLQ-Below Quantification Limit, LOQ-Limit of Quantification
Total No. of Determinations : 1 (One Only)

End of Report


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