



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

Particulars of the Sample

Sample code

Date of receipt of sample

Date of analysis

: Black tea : E-8099/20 : 15/10/2020

: The Party

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

Sample quantity received

Type of packing

: 270gm

: Aluminium Foil Pouch

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

On: October 2020

Standard Refered

: FSS Regulations,2011

Sample Condition

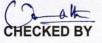
: Ambient, Sample Fit For Analysis

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)



GEORGE M.K. AUTHORISED SIGNATORY

NOTE-

- The Test results relate only to the sample submitted for analysis.
- 2. Information of submitted samples as provided by Customer.
- 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

Particulars of the Sample

Sample code

Date of receipt of sample

Date of analysis

: The Party : Black tea

: E-8099/20

: 15/10/2020

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

Sample quantity received

Type of packing

: 270gm

: Aluminium Foil Pouch

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

On: October 2020

Standard Refered

Sample Condition

: FSS Regulations,2011 : Ambient, Sample Fit For Analysis

CHEMICAL TESTING

RESIDUE IN FOOD PRODUCTS

| Parameters | Unit | Test Method | Result | Limit as per FSS |
|---------------------|-------|----------------|---------------|------------------|
| Heavy metals | | | | Regulations,2011 |
| 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 |
| Chlorpyriphos | mg/kg | MOA/GC-MSMS/01 | BLQ(LOQ-0.01) | 2.0 Max |



NSTRUMENTATION

AUTHORISED SIGNATORY

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| | | 1-01 11-011 | | Page 2 |
|-------------------------|--------|----------------|---------------|----------|
| 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 | ing/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 | MOC/GC-MSMS/01 | BLQ(LOQ-0.01) | 0.01 Max |

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| | | | | Page 3 of |
|---|-------|----------------|---------------|-----------|
| 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 |

BLQ-Below Quantification Limit, LOQ-Limit of Quantification

Total No.of Determinations: 39 (Thirty-Nine Only)

End of Report

AUTHORISED SIGNATORY

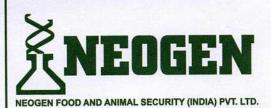
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TEST REPORT

Ref No: E-8099/20/N2

Name & Address of Customer

: Krishna Coffee Works

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

Sample Drawn by

Particulars of the Sample

Sample code

Date of receipt of sample

Date of analysis

: The Party : Black tea

: E-8099/20

: 15/10/2020

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

Sample quantity received

Type of packing

: 270gm

: Aluminium Foil Pouch

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

On: October 2020

Standard Refered

: FSS Regulations,2011

Sample Condition

: Ambient, Sample Fit For Analysis

CHEMICAL TESTING

RESIDUE IN FOOD PRODUCTS

| Parameters Heavy metals | Unit | Test Method | | Limit as per FSS Regulations,2011 |
|--------------------------|-------|------------------------------|---------------|--------------------------------------|
| 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

CHECKED BY

ARUN KUMAR K
IN CHARGE - INSTRUMENTATION
AUTHORISED SIGNATORY

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Information of submitted samples as provided by Customer.

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