



# BANGLADESH STANDARDS AND TESTING INSTITUTION

Regional office, Jamburi Field, Agrabad, Chattogram.  
Phone : 031-2511211, 031-2517257, Fax No-031-2520034,  
E-Mail: bstictg4100@gmail.com

## CHEMICAL TEST REPORT

Test Report No.- 4542

|  |  |
|--|--|
| Customer's Reference No: 36.05.0000.08.89.010.1993/7135  | Lab. Reference No: 36.05.0000.008.83.020.19.                               |
| Date of receipt of sample: 12.02.19  | Date of Testing : 13.02.19 to 18.02.19                                     |
| Identification of test items: Fermented Milk,<br>M/S. Madhuban Bread & Biscuits Ind., Panchlaish,<br>Chattogram collected from Madhuban, Agrabad,<br>Chattogram by "Surveillance Team", BSTI, Chattogram.<br>Brand: Madhuban<br>Stated Wt.- 100 gm<br>Mfg- 12.02.19, Exp- 15.02.19<br>Batch No- Nil<br>Lab.Reg.No.CH/3880 (CM) (2018-2019) | Sampling Plan : Not mentioned  |
| Name & Address of Customers: Deputy Director (CM),<br>BSTI, Agrabad, Chattogram.   | Test Method/Specification Used: As per BDS CAC<br>243:2015 & test request. |

Condition of the test item: The product selected for testing is in good condition.

| Sl. no. | Description of tests                                      | Standard limits       | Test results           | Reference test Method                         |
|---------|---|-----------------------|------------------------|---|
| 1.      | Milk Protein, (% m/m)                                     | 2.7 (Min)             | 3.55                   | ISO 8968 – 1/2IDF 20 – 1/2 : 2001/AOAC 991.20 |
| 2.      | Milk fat, (% m/m)   | Less than 15%         | 3.45                   | ISO 1211IDF 1: 2010/AOAC 989.05               |
| 3.      | Titration acidity, expressed as% lactic acid (% m/m)      | 0.6% (Min)            | 0.91                   | IDF 150:1991/ISO 11869:1997                   |
| 4.      | Sum of Microorganisms Constituting Starter Culture, cfu/g | 10 <sup>7</sup> (min) | 2.19 x 10 <sup>7</sup> | ISO 27205:2010 IDF 149:2010, Annex-A          |
| 5.      | Lead (as pb), ppm   | ----                  | Not detected           | AOAC Method 972.25                            |

Remarks: The sample conforms to the requirements of the specification in respect of the above tests.

Tested by  
*Debashis Talukdar*  
19.02.19  
Debashis Talukdar  
Senior Examiner (Chemical)  
Chemical Testing Wing  
BSTI, Chattogram

Checked by  
*Shaikh Masum Billah*  
19.02.19  
Shaikh Masum Billah  
Assistant Director  
Chemical Testing Wing  
BSTI, Chattogram

*Muslem*  
19/02/2019  
Authorized Signatory  
Gazi Md. Nurul Islam  
Deputy Director (Chemical)

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## CHEMICAL TEST REPORT

Test Report No.- 4543

|  |  |
|--|--|
| Customer's Reference No: 36.05.0000.08.89.010.1993/7135  | Lab. Reference No: 36.05.0000.008.83.020.19.                               |
| Date of receipt of sample: 12.02.19  | Date of Testing : 13.02.19 to 18.02.19                                     |
| <b>Identification of test items: Fermented Milk,</b><br>M/S. Banoful, Baizeed, Chattogram<br>collected from Banoful, Agrabad, Chattogram<br>by "Surveillance Team", BSTI, Chattogram<br>Brand: Banoful<br>Stated Wt.- 500 gm<br>Mfg-12.02.19, Exp- 15.02.19<br>Batch No- Nil<br><b>Lab.Reg.No.CH/3881 (CM) (2018-2019)</b> | Sampling Plan : Not mentioned  |
| Name & Address of Customers: Deputy Director (CM),<br>BSTI, Agrabad, Chattogram.   | Test Method/Specification Used: As per BDS CAC<br>243:2015 & test request. |

Condition of the test item: The product selected for testing is in good condition.

| Sl. no. | Description of tests                                      | Standard limits       | Test results           | Reference test Method                          |
|---------|---|-----------------------|------------------------|--|
| 1.      | Milk Protein, (% m/m)                                     | 2.7 (Min)             | 3.58                   | ISO 8968 – 1/2IIDF 20 – 1/2 : 2001/AOAC 991.20 |
| 2.      | Milk fat, (% m/m)   | Less than 15%         | 3.47                   | ISO 1211IIDF 1: 2010/AOAC 989.05               |
| 3.      | Titration acidity, expressed as% lactic acid (% m/m)      | 0.6% (Min)            | 1.04                   | IDF 150:1991/ISO 11869:1997                    |
| 4.      | Sum of Microorganisms Constituting Starter Culture, cfu/g | 10 <sup>7</sup> (min) | 1.53 x 10 <sup>7</sup> | ISO 27205:2010 IDF 149:2010, Annex-A           |
| 5.      | Lead (as pb), ppm   | ---                   | Not detected           | AOAC Method 972.25                             |

Remarks: The sample conforms to the requirements of the specification in respect of the above tests.

Tested by  
*Debarshi*  
19.02.19  
Debarshi Talukdar  
Examiner (Chemical)  
Chemical Testing Wing  
BSTI, Chattogram

Checked by  
*Shaikh Masum Billah*  
19.02.19  
Shaikh Masum Billah  
Assistant Director  
Chemical Testing Wing  
BSTI, Chattogram

*Nurul Islam*  
19/02/2019  
Authorized Signatory  
Gazi Md. Nurul Islam  
Deputy Director (Chemical)

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*(35/2/2019)*  
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## CHEMICAL TEST REPORT

Test Report No.4549

|   |  |
|---|--|
| Customer's Reference No: 36.05.0000.008.89.010.1993./7135   | Lab. Reference No: 36.05.0000.008.83.020.19.                                   |
| Date of receipt of sample : 12.02.19  | Date of Testing : 13.02.19-18.02.19  |
| <b>Identification of test items:</b> Fermented Milk, M/S. Flavours Sweets and, Bakers, Sagorika, Pahartoli, Chattogram. Collected from M/S. Flavours Sweets and Bakers, Lucky Plaza, Agrabad, Chattogram by "Surveillance Team", BSTI, Chattogram.<br>Brand: Flavours, Stated Wt. 1kg<br>Batch No- Nil, Mfg- 12.02.19, Exp- 14.02.19<br>Lab.Reg.No. CH/ 3878 (CM) (2018-2019) | Sampling Plan : Not mentioned  |
| <b>Name &amp; Address of Customers:</b> Deputy Director (CM), BSTI, Agrabad, Chattogram.  | <b>Test Method/Specification Used:</b> As per BDS CAC 243:2015 & Test Request. |

Condition of the test item: The product selected for testing is in good condition.

| Sl. no. | Description of tests                                      | Standard limits       | Test results               | Reference test Method                          |
|---------|---|-----------------------|----------------------------|--|
| 1.      | Milk Protein, (% m/m)                                     | 2.7 (Min)             | 4.10                       | ISO 8968 – 1/2/IDF 20 – 1/2 : 2001/AOAC 991.20 |
| 2.      | Milk fat, (% m/m)   | Less than 15%         | 3.65                       | ISO 1211/IDF 1 : 2010/AOAC 989.05              |
| 3.      | Titration acidity, expressed as % lactic acid (% m/m)     | 0.6% (Min)            | 1.22                       | IDF 150:1991/ISO 11869:1997                    |
| 4.      | Sum of Microorganisms Constituting Starter Culture, cfu/g | 10 <sup>7</sup> (min) | 1.72 x 10 <sup>7</sup> cfu | ISO 27205:2010 IDF 149:2010, Annex-A           |
| 05.     | Lead(Pb) mg/kg  | --                    | Not Detected               | AOAC Method 972.25                             |

Remarks: The sample conforms to the requirements of the specification in respect of the above tests.

Tested by

19.02.19  
**Daby Das**

Senior Examiner (Chemical)

Checked by

**Tapash Mallik**  
Assistant Director (Chemical)  
BSTI, Chattogram

19/02/2019  
Authorized Signatory  
**Gazi Md. Nurul Islam**  
Deputy Director (Chemical)

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## CHEMICAL TEST REPORT

Test Report No. 4547

|  |  |
|--|--|
| Customer's Reference No: 36.05.0000.008.89.010.1993./7135  | Lab. Reference No: 36.05.0000.008.83.020.19.                                   |
| Date of receipt of sample : 12.02.19   | Date of Testing : 13.02.19-18.02.19  |
| <b>Identification of test items:</b> Fermented Milk, M/S. Sizzle, South Land Center, Agrabad, Chattogram. Collected from M/S. Sizzle, South Land Center, Agrabad, Chattogram by "Surveillance Team", BSTI, Chattogram.<br>Brand: Sizzle, Stated Wt. 1kg<br>Batch No- Nil, Mfg-11.02.19, Exp- 14.02.19<br><b>Lab.Reg.No.CH/ 3876 (CM) (2018-2019)</b> | Sampling Plan : Not mentioned  |
| <b>Name &amp; Address of Customers:</b> Deputy Director (CM),<br>BSTI, Agrabad, Chattogram.  | <b>Test Method/Specification Used:</b> As per BDS CAC 243:2015 & Test Request. |

Condition of the test item: The product selected for testing is in good condition.

| Sl. no. | Description of tests                                      | Standard limits       | Test results               | Reference test Method                          |
|---------|---|-----------------------|----------------------------|--|
| 1.      | Milk Protein, (% m/m)                                     | 2.7 (Min)             | 3.88                       | ISO 8968 – 1/2/IDF 20 – 1/2 : 2001/AOAC 991.20 |
| 2.      | Milk fat, (% m/m)   | Less than 15%         | 3.29                       | ISO 1211/IDF 1 : 2010/AOAC 989.05              |
| 3.      | Titration acidity, expressed as % lactic acid (% m/m)     | 0.6% (Min)            | 0.70                       | IDF 150:1991/ISO 11869:1997                    |
| 4.      | Sum of Microorganisms Constituting Starter Culture, cfu/g | 10 <sup>7</sup> (min) | 2.13 x 10 <sup>7</sup> cfu | ISO 27205:2010 IDF 149:2010, Annex-A           |
| 05.     | Lead(Pb) mg/kg  | --                    | Not Detected               | AOAC Method 972.25                             |

Remarks: The sample conforms to the requirements of the specification in respect of the above tests.

Tested by

19.02.19

**Daby Das**

Senior Examiner (Chemical)

BSTI, Chattogram.

N.B:

Checked by

**Tapash Mallik**  
Assistant Director (Chemical)  
BSTI, Chattogram.

19/02/2019  
Authorized Signatory  
**Gazi Md. Nurul Islam**  
Deputy Director (Chemical)

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## CHEMICAL TEST REPORT

Test Report No.4548

|  |   |
|--|---|
| Customer's Reference No: 36.05.0000.008.89.010.1993./7135  | Lab. Reference No: 36.05.0000.008.83.020.19.                                      |
| Date of receipt of sample : 12.02.19   | Date of Testing : 13.02.19-18.02.19   |
| <b>Identification of test items: Fermented Milk, M/S.Unique Sweets,</b><br>Halishahor Road,Double Mooring,Chattogram. Collected<br>from M/S.Food Fair Juice bar,Lucky Plaza, Agrabad ,<br>Chattogram by "Surveillance Team",BSTI,Chattogram.<br>Brand:Food Fair, Stated Wt. 1 kg<br>Batch No-Nil, Mfg-11.02.19, Exp-14.02.19<br>Lab.Reg.No.CH/ 3877 (CM) (2018-2019) | Sampling Plan : Not mentioned   |
| <b>Name &amp; Address of Customers: Deputy Director (CM),</b><br>BSTI, Agrabad, Chattogram.  | <b>Test Method/Specification Used: As per BDS</b><br>CAC 243:2015 & Test Request. |

Condition of the test item: The product selected for testing is in good condition.

| Sl. no. | Description of tests  | Standard limits       | Test results               | Reference test Method                                |
|---------|---|-----------------------|----------------------------|--|
| 1.      | Milk Protein, (% m/m)   | 2.7 (Min)             | 3.78                       | ISO 8968 – 1/2/IDF 20<br>– 1/2 : 2001/AOAC<br>991.20 |
| 2.      | Milk fat, (% m/m)   | Less than 15%         | 3.22                       | ISO 1211/IDF 1 : 2010/<br>AOAC 989.05                |
| 3.      | Titration acidity, expressed<br>as% lactic acid (% m/m)         | 0.6% (Min)            | 1.54                       | IDF 150:1991/ISO<br>11869:1997                       |
| 4.      | Sum of Microorganisms<br>Constituting Starter Culture,<br>cfu/g | 10 <sup>7</sup> (min) | 3.15 x 10 <sup>7</sup> cfu | ISO 27205:2010 IDF<br>149:2010, Annex-A              |
| 05.     | Lead(Pb) mg/kg  | --                    | Not Detected               | AOAC Method 972.25                                   |

Remarks: The sample conforms to the requirements of the specification in respect of the above tests.

Tested by

19.02.19  
**Daby Das**

Senior Examiner (Chemical)

N. BSTI, Chattogram.

Checked by

**Tapash Mallik**

Assistant Director (Chemical)

BSTI, Chattogram

19/02/2019  
Authorized Signatory

**Gazi Md. Nurul Islam**  
Deputy Director (Chemical)

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## CHEMICAL TEST REPORT

Test Report No.- 4546

|  |   |
|--|---|
| Customer's Reference No: 36.05.0000.08.89.010.1993/7135  | Lab. Reference No: 36.05.0000.008.83.020.19.                            |
| Date of receipt of sample: 12.02.19  | Date of Testing : 13.02.19 to 18.02.19                                  |
| <b>Identification of test items:</b> Fermented Milk,<br>M/S. Fulkoli, Bakolia, Chattogram<br>collected from Fulkoli, Agrabad, Chattogram<br>by "Surveillance Team", BSTI, Chattogram<br>Brand: Fulkoli<br>Stated Wt.- 500 gm<br>Mfg- 12.02.19 , Exp- 14.02.19<br>Batch No- Nil<br><b>Lab.Reg.No.CH/3884 (CM) (2018-2019)</b> | Sampling Plan : Not mentioned   |
| Name & Address of Customers: Deputy Director (CM),<br>BSTI, Agrabad, Chattogram.   | Test Method/Specification Used: As per BDS CAC 243:2015 & test request. |

Condition of the test item: The product selected for testing is in good condition.

| Sl. no. | Description of tests                                      | Standard limits       | Test results           | Reference test Method                          |
|---------|---|-----------------------|------------------------|--|
| 1.      | Milk Protein, (% m/m)                                     | 2.7 (Min)             | 3.98                   | ISO 8968 – 1/2:IDF 20 – 1/2 : 2001/AOAC 991.20 |
| 2.      | Milk fat, (% m/m)   | Less than 15%         | 3.61                   | ISO 1211:IDF 1: 2010/AOAC 989.05               |
| 3.      | Titration acidity, expressed as % lactic acid (% m/m)     | 0.6% (Min)            | 0.74                   | IDF 150:1991/ISO 11869:1997                    |
| 4.      | Sum of Microorganisms Constituting Starter Culture, cfu/g | 10 <sup>7</sup> (min) | 3.01 x 10 <sup>7</sup> | ISO 27205:2010 IDF 149:2010, Annex-A           |
| 5.      | Lead (as pb), ppm   | ---                   | Not detected           | AOAC Method 972.25                             |

Remarks: The sample conforms to the requirements of the specification in respect of the above tests.

Tested by

*Shahid*  
19.02.19  
**Shahid Ashik Ahamed**  
Examiner (Chemical)  
Chemical Testing Wing  
BSTI, Chattogram

Checked by

*Shahid*  
19.02.19  
**Md. Shah Alam**  
Assistant Director  
Chemical Testing Wing  
BSTI, Chattogram

*Nurul Islam*  
19/02/2019  
Authorized Signatory

**Gazi Md. Nurul Islam**  
Deputy Director (Chemical)

N.B: **Chemical Testing Wing**  
**BSTI, Chattogram**

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## CHEMICAL TEST REPORT

Test Report No.- 4541

|   |  |
|---|--|
| Customer's Reference No: 36.05.0000.08.89.010.1993/7135   | Lab. Reference No: 36.05.0000.008.83.020.19.                               |
| Date of receipt of sample: 12.02.19   | Date of Testing : 13.02.19 to 18.02.19                                     |
| Identification of test items: Fermented Milk,<br>M/S. Well Food & Beverage, Patiya,<br>Chattogram collected from Well<br>Food, Agrabad, Chattogram, by<br>"Surveillance Team", BSTI, Chattogram.<br>Brand: Well Food<br>Stated Wt.- 1.0 kg<br>Mfg- Nil, Exp- Nil<br>Batch No- Nil<br><b>Lab.Reg.No.CH/3879 (CM) (2018-2019)</b> | Sampling Plan : Not mentioned  |
| Name & Address of Customers: Deputy Director (CM),<br>BSTI, Agrabad, Chattogram.  | Test Method/Specification Used: As per BDS CAC<br>243:2015 & test request. |

Condition of the test item: The product selected for testing is in good condition.

| Sl. no. | Description of tests  | Standard limits       | Test results           | Reference test Method                               |
|---------|---|-----------------------|------------------------|---|
| 1.      | Milk Protein, (% m/m)   | 2.7 (Min)             | 3.71                   | ISO 8968 - 1/2IDF 20<br>- 1/2 : 2001/AOAC<br>991.20 |
| 2.      | Milk fat, (% m/m)   | Less than 15%         | 3.82                   | ISO 1211IDF 1: 2010/<br>AOAC 989.05                 |
| 3.      | Titration acidity, expressed<br>as% lactic acid (% m/m)         | 0.6% (Min)            | 1.02                   | IDF 150:1991/ISO<br>11869:1997                      |
| 4.      | Sum of Microorganisms<br>Constituting Starter Culture,<br>cfu/g | 10 <sup>7</sup> (min) | 2.52 x 10 <sup>7</sup> | ISO 27205:2010 IDF<br>149:2010, Annex-A             |
| 5.      | Lead (as pb), ppm   | ---                   | Not detected           | AOAC Method 972.25                                  |

Remarks: The sample conforms to the requirements of the specification in respect of the above tests.

Tested by:  
*Debasish*  
Debasish T. Mukdar  
Senior Examiner (Chemical)  
Chemical Testing Wing  
BSTI, Chattogram

Checked by:  
*Shaikh Masum Billah*  
19/02/19  
Shaikh Masum Billah  
Assistant Director  
Chemical Testing Wing  
BSTI, Chattogram

*Gazi Md. Nurul Islam*  
19/02/2019  
Authorized Signatory  
Gazi Md. Nurul Islam  
Deputy Director (Chemical)

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**CHEMICAL TEST REPORT**

Test Report No.- 4545

|  |  |
|--|--|
| Customer's Reference No: 36.05.0000.08.89.010.1993/7135  | Lab. Reference No: 36.05.0000.008.83.020.19.                               |
| Date of receipt of sample: 12.02.19  | Date of Testing : 13.02.19 to 18.02.19                                     |
| <b>Identification of test items: Fermented Milk,</b><br>M/S. Mithai Sweets & Bakes, Baizeed, Chattogram<br>collected from Mithai Sweets & Bakes, Agrabad, Chattogram<br>by "Surveillance Team", BSTI, Chattogram<br>Brand: Mithai<br>Stated Wt.- 100 gm<br>Mfg-11.02.19, Exp- 13.02.19<br>Batch No- Nil<br>Lab.Reg.No.CH/3883 (CM) (2018-2019) | Sampling Plan : Not mentioned  |
| Name & Address of Customers: Deputy Director (CM),<br>BSTI, Agrabad, Chattogram.   | Test Method/Specification Used: As per BDS CAC<br>243:2015 & test request. |

Condition of the test item: The product selected for testing is in good condition.

| Sl. no. | Description of tests                                      | Standard limits       | Test results           | Reference test Method                          |
|---------|---|-----------------------|------------------------|--|
| 1.      | Milk Protein, (% m/m)                                     | 2.7 (Min)             | 3.81                   | ISO 8968 – 1/2/IDF 20 – 1/2 : 2001/AOAC 991.20 |
| 2.      | Milk fat, (% m/m)   | Less than 15%         | 3.52                   | ISO 1211/IDF 1: 2010/AOAC 989.05               |
| 3.      | Titration acidity, expressed as % lactic acid (% m/m)     | 0.6% (Min)            | 0.75                   | IDF 150:1991/ISO 11869:1997                    |
| 4.      | Sum of Microorganisms Constituting Starter Culture, cfu/g | 10 <sup>7</sup> (min) | 2.12 x 10 <sup>7</sup> | ISO 27205:2010 IDF 149:2010, Annex-A           |
| 5.      | Lead (as pb), ppm   | ----                  | Not detected           | AOAC Method 972.25                             |

Remarks: The sample conforms to the requirements of the specification in respect of the above tests.

Tested by

*Sheikh Asik Ahammed*  
 Examiner (Chemical)  
 Chemical Testing Wing  
 BSTI, Chattogram

Checked by

*Md. Shah Alam*  
 19.02.19  
 Assistant Director  
 Chemical Testing Wing  
 BSTI, Chattogram

*Gazi Md. Nurul Islam*  
 19/02/2019  
 Authorized Signatory  
 Deputy Director (Chemical)

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### CHEMICAL TEST REPORT

Test Report No.- 4544


|  |  |
|--|--|
| Customer's Reference No: 36.05.0000.08.89.010.1993/7135  | Lab. Reference No: 36.05.0000.008.83.020.19.                               |
| Date of receipt of sample: 12.02.19  | Date of Testing : 13.02.19 to 18.02.19                                     |
| <b>Identification of test items: Fermented Milk,</b><br>M/S. Farmville Sweets & Bakers, Pahartoli, Chattogram<br>collected from Farmville Sweets & Bakers, Agrabad, Chattogram<br>by "Surveillance Team", BSTI, Chattogram<br>Brand: Farmville<br>Stated Wt.- 500 gm<br>Mfg- 08.02.19, Exp-14.02.19<br>Batch No- B-001<br><b>Lab.Reg.No.CH/3882 (CM) (2018-2019)</b> | Sampling Plan : Not mentioned  |
| Name & Address of Customers: Deputy Director (CM),<br>BSTI, Agrabad, Chattogram.   | Test Method/Specification Used: As per BDS CAC<br>243:2015 & test request. |

Condition of the test item: The product selected for testing is in good condition.


| Sl. no. | Description of tests                                      | Standard limits       | Test results           | Reference test Method                         |
|---------|---|-----------------------|------------------------|---|
| 1.      | Milk Protein, (% m/m)                                     | 2.7 (Min)             | 3.94                   | ISO 8968 – 1/2IDF 20 – 1/2 : 2001/AOAC 991.20 |
| 2.      | Milk fat, (% m/m)   | Less than 15%         | 3.57                   | ISO 1211IDF 1: 2010/AOAC 989.05               |
| 3.      | Titration acidity, expressed as % lactic acid (% m/m)     | 0.6% (Min)            | 0.79                   | IDF 150:1991/ISO 11869:1997                   |
| 4.      | Sum of Microorganisms Constituting Starter Culture, cfu/g | 10 <sup>7</sup> (min) | 1.72 x 10 <sup>7</sup> | ISO 27205:2010 IDF 149:2010, Annex-A          |
| 5.      | Lead (as pb), ppm   | ----                  | Not detected           | AOAC Method 972.25                            |

Remarks: The sample conforms to the requirements of the specification in respect of the above tests.

Tested by

  
19.02.19  
**Sheikh Ashik Ahammed**  
Examiner (Chemical)  
Chemical Testing Wing  
BSTI, Chattogram

Checked by

  
19.02.19  
**Md. Shah Alam**  
Assistant Director  
Chemical Testing Wing  
BSTI, Chattogram

  
19/02/2019  
Authorized Signatory

**Gazi Md. Nurul Islam**  
Deputy Director (Chemical)

N.B:

- The results reported above pertain only to the sample tested in Laboratory.
- This report when required to be quoted or reproduced, has to be reproduced or quoted in full.
- Reports are not allowed to be used or reproduced for any commercial purpose.
- Any complaint about test report if any should be reported within a month.
- The unspent portion of the samples may be auctioned/disposed off after three months from the date of issue of the said report.