

Government of the People's Republic of Bangladesh  
Chemical Laboratory  
Custom House, Chattogram.  
Web: [www.chc.gov.bd/reports](http://www.chc.gov.bd/reports)  
E-mail: [chcchemi.laboratory@gmail.com](mailto:chcchemi.laboratory@gmail.com)

Scanned  
16 MAY 2022

**Subject: Chemical Test Report.**

Sample Received On: 12.05.2022

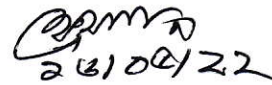
Sample Code No:

Date of Delivery:

Test Report No:

885

|    |   |   |   |
|----|---|---|---|
| 01 | <b>B/E No. &amp; Date</b>   | : | C-814496, Date-08.05.2022.  |
|    | <b>File No. &amp; Date</b>  | : | ১৬/বিবিধ/এআইআর/Lab Test/২০১৯-২০/সেকশন-২/৪২০০৪(কাস)/৪৫০ তারিখ-১২/৫/২০২২  |
| 02 | <b>Name of Section</b>  | : | Section-AIR   |
| 03 | <b>Declared Commodity Name as per Invoice/BE</b>                  | : | Invoice Item<br>Citric Acid Monohydrate (Sample: 01 Boyum)  |
| 04 | <b>Method of Test/Analysis</b>                                    | : | Phy.tests<br>C/CAM test etc.  |
| 05 | <b>Physical &amp; Chemical Properties &amp; Ingredients Found</b> | : | Crystalline solid form.<br>Whitish colour. Odourless<br>Soluble in H <sub>2</sub> O.<br>Insoluble in CHCl <sub>3</sub> .<br>Sp.gr. > 1<br>P <sup>H</sup> = Acidic.<br>C <sub>6</sub> H <sub>5</sub> O <sub>7</sub> <sup>3-</sup> test = +Ve.<br>C/CAM test = +Ve. |
| 06 | <b>Result of Physical /Chemical Test/Analysis</b>                 | : | The supplied sample is "Citric Acid Monohydrate."   |
| 07 | <b>Probable use of Imported Goods.</b>                            | : | It is used in food, soft drink, pharmaceutical, etc. industries. It may be used in textile industry.  |
| 08 | <b>Comments (If any)</b>  | a |   |
|    |   | b |   |
|    |   | c |   |

  
26/05/22

Signature of Examiner  
**Md. Helal Hassan**  
Chemical Assistant  
Custom House, Chattogram.

16-May-22 12:41 PM

- Notes:
- The results described here are based only on the supplied sample(s) in this laboratory.
  - Complain or query regarding test report(s) should be lodged within one month of report delivery date.
  - The laboratory is not responsible for the data quality affected due to sampling, transporting and storage conditions of the sample(s) maintained before received in the laboratory.
  - This report or any part of this should not be published without prior approval of the authority.

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| 02 | <b>Name of Section</b>  | :        | Section-AIR  |
| 03 | <b>Declared Commodity Name as per Invoice/BE</b>                  | :        | Invoice Item<br>Citric Acid Anhydrous (Sample: 01 Boyum)   |
| 04 | <b>Method of Test/Analysis</b>                                    | :        | Phy.tests<br>C/CAA test etc.   |
| 05 | <b>Physical &amp; Chemical Properties &amp; Ingredients Found</b> | :        | Crystalline solid form.<br>Whitish colour.<br>Odourless<br>Soluble in H <sub>2</sub> O.<br>Insoluble in CHCl <sub>3</sub> .<br>Sp.gr.>1<br>P <sup>H</sup> = Acidic.<br>C <sub>6</sub> H <sub>5</sub> O <sub>7</sub> <sup>3-</sup> test =+Ve.<br>-COOH test=+Ve.<br>C/CAA test=+Ve. |
| 06 | <b>Result of Physical /Chemical Test/Analysis</b>                 | :        | The supplied sample is "Citric Acid Anhydrous."  |
| 07 | <b>Probable use of Imported Goods.</b>                            | :        | It is used in food, soft drink, pharmaceutical, cement etc. industries. It may be used in textile industry.  |
| 08 | <b>Comments (If any)</b>  | <b>a</b> |  |
|    |   | <b>b</b> |  |

  
26/10/22

Signature of Examiner  
**Md. Helal Hassan**  
Chemical Assistant  
Custom House, Chattogram.

16-May-22 11:49 PM

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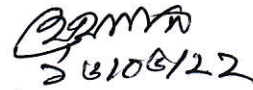
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| 02 | <b>Name of Section</b>  | : | Section-AIR  |
| 03 | <b>Declared Commodity<br/>Name as per Invoice/BE</b>                      | : | Invoice Item<br>Trisodium Citrate Dihydrate (Sample: 01 Boyum)   |
| 04 | <b>Method of Test/Analysis</b>  | : | Phy. tests<br>C/SCI test etc.  |
| 05 | <b>Physical &amp; Chemical<br/>Properties &amp; Ingredients<br/>Found</b> | : | Crystalline solid form.<br>Whitish colour.<br>Odourless.<br>Soluble in water.<br>Insoluble in C <sub>2</sub> H <sub>5</sub> OH.<br>Sp.gr.>1<br>P <sup>H</sup> = Basic.<br>Na <sup>+</sup> test=+Ve.<br>C <sub>6</sub> H <sub>5</sub> O <sub>7</sub> <sup>3-</sup> test =+Ve.<br>C/SCI test =+Ve. |
| 06 | <b>Result of Physical<br/>/Chemical Test/Analysis</b>                     | : | The supplied sample is "Trisodium Citrate Dihydrate."  |
| 07 | <b>Probable use of Imported<br/>Goods.</b>                                | : | It is used in food, soft drink, pharmaceutical, detergent, textile etc. industries.  |
| 08 | <b>Comments (If any)</b>  | a |  |
|    |   | b |  |

  
23/05/22

Signature of Examiner  
**Md. Helal Hassan**  
Chemical Assistant  
Custom House, Chattogram.