

**Issued to:** BHARAT UNANI PHARMACY  
PLOT NO.20, INDUSTRIAL AREA,  
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Email: drnajeebuddinhyd@gmail.com  
Kind Attention: Najeebuddin

**Lab Ref. No.:** AD020119  
**Booking ID :** BID-034492  
**Report number :** NCL-077425  
**Report issue date :** 23-06-2026  
**ULR No. :** TC1151626000014629F  
**Customer Request ref.:**

| Customer Provided Information  |                                                        |                              |    |
|--------------------------------|--------------------------------------------------------|------------------------------|----|
| <b>Name of the Sample:</b>     | Honey                                                  |                              |    |
| <b>Batch Number:</b>           | NA                                                     | <b>Customer Sample Code:</b> | NA |
| <b>Mfg. Date:</b>              | NA                                                     | <b>Exp. Date:</b>            | NA |
| <b>Other details (if any):</b> | Natural Honey (Multiflora 360) ; Sample quantity:500 g |                              |    |

| Laboratory Provided Information |            |                                  |            |
|---------------------------------|------------|----------------------------------|------------|
| <b>Sample Receipt Date:</b>     | 15-06-2026 | <b>Analysis Completion Date:</b> | 23-06-2026 |
| <b>Sampling Details:</b>        | NA         |                                  |            |
| <b>Other details (if any):</b>  | NA         |                                  |            |

## TEST RESULTS

| 1 Chemical                       |                                  |                 |               |                               |                                        |        |                                                          |
|----------------------------------|----------------------------------|-----------------|---------------|-------------------------------|----------------------------------------|--------|----------------------------------------------------------|
| 1.1 Food & Agricultural products |                                  |                 |               |                               |                                        |        |                                                          |
| Sr. No                           | Parameters                       | Unit            |               | Results                       | Specification<br>FSSAI<br>Requirements | LOQ    | Test Method                                              |
| 1                                | Specific gravity at 27°C         |                 | As Such Basis | 1.410                         | 1.350 (Min.)                           | -      | IS 4941 : 1994                                           |
| 2                                | Moisture                         | %               |               | 18.920                        | 20.000 (Max.)                          | -      | IS 4941 : 1994                                           |
| 3                                | Total reducing sugars            | %               | As Such Basis | 80.797                        | 65.000 (Min.)                          | -      | IS 4941 : 1994                                           |
| 4                                | Sucrose                          | %               | As Such Basis | Below limit of quantification | 5.000 (Max.)                           | 3.000  | AOAC 977.20, 22nd Edition: 2023                          |
| 5                                | F/G Ratio                        | %               | As Such Basis | 1.185                         | 0.950 - 1.500                          | 0.500  | AOAC 977.20, 22nd Edition: 2023                          |
| 6                                | Total Ash                        | %               | As Such Basis | 0.272                         | 0.500 (Max.)                           | -      | IS 4941 : 1994, Reaffirmed year: 2014                    |
| 7                                | Acidity expressed as formic acid | %               | As Such Basis | 0.110                         | 0.200 (Max.)                           | -      | IS 4941 : 1994                                           |
| 8                                | Free acidity                     | mEq Acid/1000gm | As Such Basis | 22.960                        | 50.000 (Max.)                          | -      | Harmonised methods of the International Honey Commission |
| 9                                | Hydroxy Methyl Furfural (HMF)    | mg/kg           | As Such Basis | Below limit of quantification | 80.000 (Max.)                          | 20.000 | AOAC 980.23 22nd Edn. 2023                               |
| 10                               | Diastase activity                | schad e         | As Such Basis | 13.140                        | 3.000 (Min.)                           | -      | AOAC 958.09 22nd Edn. 2023                               |
| 11                               | Water insoluble matters          | %               | As Such Basis | 0.080                         | 0.100 (Max.)                           | -      | Harmonised methods of the International Honey Commission |

|    |                                             |             |               |              |                 |   |                                                          |
|----|---------------------------------------------|-------------|---------------|--------------|-----------------|---|----------------------------------------------------------|
| 12 | C4 Sugar                                    | %           | As Such Basis | 3.64         | 7.00 (Max.)     | - | AOAC 998.12 22nd Edn. 2023                               |
| 13 | Pollen count and plant element              | count /g    | As Such Basis | 11493.000    | 5000.000 (Min.) | - | IS 4941 : 1994                                           |
| 14 | 2-AFGP as marker for rice syrup             | mg/kg       |               | Absent       | Absent          | - | CALF/SOP/CHEM/H ON/01                                    |
| 15 | Foreign oligosaccharides                    | % peak area | As Such Basis | Not detected | 0.700 (Max.)    | - | CALF/SOP/CHEM/H ON/03                                    |
| 16 | Proline                                     | mg/kg       | As Such Basis | 442.800      | 180.000 (Min.)  | - | AOAC 979.20 22nd Edn. 2023                               |
| 17 | Electrical Conductivity                     | mS/cm       | As Such Basis | 0.309        | 0.800 (Max.)    | - | Harmonised methods of the International Honey Commission |
| 18 | $\Delta\delta^{13}\text{C}$ Max.            | per mil (‰) | As Such Basis | 0.36         | $\pm 2.1$       | - | CALF/SOP/CHEM/H ON/03                                    |
| 19 | $\Delta\delta^{13}\text{C}$ Fru-Glu         | per mil (‰) | As Such Basis | -0.10        | $\pm 1.0$       | - | CALF/SOP/CHEM/H ON/03                                    |
| 20 | $\Delta\delta^{13}\text{C}$ Protein – Honey | per mil (‰) | As Such Basis | -0.57        | $\geq -1.0$     | - | AOAC 998.12 22nd Edn. 2023                               |

## 1.2 Residues and contaminants in Food and Agricultural Products

| Sr. No | Parameters                        | Unit             |               | Results                       | Specification FSSAI Requirements | LOQ   | Test Method                       |
|--------|-----------------------------------|------------------|---------------|-------------------------------|----------------------------------|-------|-----------------------------------|
| 1      | Chloramphenicol                   | $\mu\text{g/Kg}$ | As Such Basis | Below limit of quantification | 0.300 (Max.)                     | 0.100 | CALF/SOP/CHEM/CC R/48             |
| 2      | Nitrofurans and its metabolites   | $\mu\text{g/Kg}$ | As Such Basis | Below limit of quantification | 1.000 (Max.)                     | 0.250 | CALF/SOP/CHEM/CC R/48             |
| 3      | Sulphonamides and its metabolites | $\mu\text{g/Kg}$ | As Such Basis | Below limit of quantification | 10.000 (Max.)                    | 2.500 | CALF/SOP/CHEM/CC R/48             |
| 4      | Streptomycin                      | $\mu\text{g/Kg}$ | As Such Basis | Below limit of quantification | 10.000 (Max.)                    | 2.500 | CALF/SOP/CHEM/CC R/48             |
| 5      | Chlortetracycline                 | $\mu\text{g/Kg}$ | As Such Basis | Below limit of quantification | 10.000 (Max.)                    | 2.500 | CALF/SOP/CHEM/CC R/48             |
| 6      | Oxytetracycline                   | $\mu\text{g/Kg}$ | As Such Basis | Below limit of quantification | 10.000 (Max.)                    | 2.500 | CALF/SOP/CHEM/CC R/48             |
| 7      | Tetracycline                      | $\mu\text{g/Kg}$ | As Such Basis | Below limit of quantification | 10.000 (Max.)                    | 2.500 | CALF/SOP/CHEM/CC R/48             |
| 8      | Ampicillin                        | $\mu\text{g/Kg}$ | As Such Basis | Below limit of quantification | 10.000 (Max.)                    | 2.500 | CALF/SOP/CHEM/CC R/48             |
| 9      | Enrofloxacin                      | $\mu\text{g/Kg}$ | As Such Basis | Below limit of quantification | 10.000 (Max.)                    | 2.500 | CALF/SOP/CHEM/CC R/48             |
| 10     | Ciprofloxacin                     | $\mu\text{g/Kg}$ | As Such Basis | Below limit of quantification | 10.000 (Max.)                    | 2.500 | CALF/SOP/CHEM/CC R/48             |
| 11     | Erythromycin                      | $\mu\text{g/Kg}$ | As Such Basis | Below limit of quantification | 10.000 (Max.)                    | 2.500 | CALF/SOP/CHEM/CC R/48             |
| 12     | Tylosin                           | $\mu\text{g/Kg}$ | As Such Basis | Below limit of quantification | 10.000 (Max.)                    | 2.500 | CALF/SOP/CHEM/CC R/48             |
| 13     | Lead                              | mg/kg            | As Such Basis | Below limit of quantification | 2.500 (Max.)                     | 0.050 | CALF/SOP/CHEM/M MS/07 (By ICP-MS) |

|    |          |       |               |                               |                |       |                                   |
|----|----------|-------|---------------|-------------------------------|----------------|-------|-----------------------------------|
| 14 | Arsenic  | mg/kg | As Such Basis | Below limit of quantification | 1.100 (Max.)   | 0.500 | CALF/SOP/CHEM/M MS/07 (By ICP-MS) |
| 15 | Cadmium  | mg/kg | As Such Basis | Below limit of quantification | 1.500 (Max.)   | 0.500 | CALF/SOP/CHEM/M MS/07 (By ICP-MS) |
| 16 | Mercury  | mg/kg | As Such Basis | Below limit of quantification | 1.000 (Max.)   | 0.075 | CALF/SOP/CHEM/M MS/07 (By ICP-MS) |
| 17 | Tin      | mg/kg | As Such Basis | Below limit of quantification | 250.000 (Max.) | 5.000 | CALF/SOP/CHEM/M MS/07 (By ICP-MS) |
| 18 | Copper   | mg/kg | As Such Basis | Below limit of quantification | 30.000 (Max.)  | 5.000 | CALF/SOP/CHEM/M MS/07 (By ICP-MS) |
| 19 | Melamine | mg/kg | As Such Basis | Below limit of quantification | 2.500 (Max.)   | 1.000 | ISO 15495:2010                    |

**The above sample complies to the requirements of FSSAIs for the tested parameters.**

**Remarks:- LOQ : Limit of Quantification.**



Scan the QR code to check the results authenticity. Please refer Sr. No.9 of Terms & Conditions.

**V.No : 0**

**End of Test Report**

**Authorized Signatory**

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  - 4) Samples are disposed-off after the prescribed period of retention as mentioned below or as per regulatory requirements:
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    - b) Non-perishable items after one month of reporting.
  - 5) The test reports shall not be reproduced wholly or in parts or in any manner whatsoever by anyone and cannot be used as an evidence in any court of law, unless required as per the directions of any court and shall not be used in advertising media/social media/print media/any other media, without prior written permission of the Managing Director/Dy. MD, NDDB CALF Ltd.
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- By placing any work order or sending samples for testing, the customer confirms that they accept the applicable NDDB CALF Ltd terms & condition of service.