

Issued to: BHARAT UNANI PHARMACY
PLOT NO.20, INDUSTRIAL AREA,
MAILARDEVPALLY,
IDA HYDERABAD,
TELANGANA
Email: drnajeerbuddinhyd@gmail.com
Kind Attention: Najeerbuddin

Lab Ref. No.: AB012299
Booking ID : BID-009886
Report number : NCL-023106A
Report issue date : 04-06-2024
ULR No. : TC1151624000007739F
Customer Request ref.: Date:23.05.2024

Customer Provided Information			
Name of the Sample:	Honey		
Batch Number:	NA	Customer Sample Code:	NA
Mfg. Date:	NA	Exp. Date:	NA
Other details (if any):	Bharat Jammu Honey-(J 610) Manufacturing license no.10021047000030 Sample quantity:500g		

Laboratory Provided Information			
Sample Receipt Date:	27-05-2024	Analysis Completion Date:	04-06-2024
Sampling Details:	NA		
Other details (if any):	NA		

TEST RESULTS

1 Chemical

1.1 Food & Agricultural products (except Human Milk)

Sr. No	Parameters	Unit		Results	Specification FSSAI Requirements	LOQ	Test Method
1	Specific gravity at 27°C		As Such Basis	1.420	1.350 (Min.)	-	IS 4941 : 1994
2	Moisture	%		19.120	20.000 (Max.)	-	IS 4941 : 1994
3	Total reducing sugars	%	As Such Basis	76.514	65.000 (Min.)	-	IS 4941 : 1994
4	Sucrose	%	As Such Basis	Below limit of quantification	5.000 (Max.)	3.000	AOAC 977.20, 21st Edition: 2019
5	F/G Ratio	%	As Such Basis	1.229	0.950 - 1.500	0.500	AOAC 977.20, 21st Edition: 2019
6	Total Ash	%	As Such Basis	Below limit of quantification	0.500 (Max.)	0.100	IS 4941 : 1994, Reaffirmed year: 2014
7	Acidity expressed as formic acid	%	As Such Basis	0.070	0.200 (Max.)	-	IS 4941 : 1994
8	Free acidity	mEq Acid/1000g m	As Such Basis	15.490	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 21st Edn. 2019
10	Diastase activity	schad e	As Such Basis	25.800	3.000 (Min.)	-	AOAC 958.09 21st Edn. 2019

11	Water insoluble matters	%	As Such Basis	0.090	0.100 (Max.)	-	Harmonised methods of the International Honey Commission
12	C4 Sugar	%	As Such Basis	0.000	7.000 (Max.)	-	AOAC 998.12 21st Edn. 2019
13	Pollen count and plant element	count /g	As Such Basis	14616.000	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	430.390	180.000 (Min.)	-	AOAC 979.20 21st Edn. 2019
17	Electrical Conductivity	mS/cm	As Such Basis	0.210	0.800 (Max.)	-	Harmonised methods of the International Honey Commission
18	$\Delta\delta^{13}\text{C}$ Max.	per mil (‰)	As Such Basis	-0.35	± 2.1	-	CALF/SOP/CHEM/H ON/03
19	$\Delta\delta^{13}\text{C}$ Fru-Glu	per mil (‰)	As Such Basis	-0.27	± 1.0	-	CALF/SOP/CHEM/H ON/03
20	$\Delta\delta^{13}\text{C}$ Protein – Honey	per mil (‰)	As Such Basis	0.07	≥ -1.0	-	AOAC 998.12 21st Edn. 2019

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

Remarks:- LOQ : Limit of Quantification.

V.No : 0

End of Test Report

Authorized Signatory
(Chemical)

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- 1) This test result/report(s) relates only to the tested samples and the applicable parameters. Endorsement based on such report on the product is neither inferred nor implied.
 - 2) The sample description is given as specified by the customer and NDDB CALF Ltd is not responsible for verifying it in all cases. Sample is not drawn by NDDB CALF Ltd (unless specified in the Report) and analysis will be conducted on the "as is" received basis unless specified otherwise.
 - 3) NDDB CALF Ltd is not responsible for any variation(s) in characteristics of samples taken up for analysis, under any circumstances including that of holding up/delay caused for more clarification(s) by the customer.
 - 4) Samples are disposed-off after the prescribed period of retention as mentioned below or as per regulatory requirements:
 - a) Perishable items- Immediately after reporting.
 - 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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 - 13) This test result/report shall be destroyed/disposed-off after 5 years from the date of issue as per retention policy of NDDB CALF Ltd.
 - 14) Customer agrees to be bound by all the terms & conditions mentioned herein above.
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