

# TEST REPORT: 7191376245-CHM26-CL

Date: 26 FEB 2026

Email: Ying-Xuan.GOH@tuv sud.com



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## **SUBJECT**

Chemical Analysis on Bird Nest

## **CLIENT**

Hai Cuan Birdnest Pte Ltd  
3 Shenton Way  
#19-02 Shenton House  
Singapore 068805

Attn: Xiao Xian Dun

## **SAMPLE SUBMISSION DATE / TEST DATE**

26 Jan 2026 / 13 Feb 2026

## **DESCRIPTION OF SAMPLE**

One bag of Bird Nest Sample

## **METHOD OF TEST**

Hydrogen Peroxide	In-house High Performance Liquid Chromatography
Heavy Metal Residue	ICP-OES
Protein	In-house method, with reference to AOAC (2023) 991.20, 930.29, 979.09, 920.87
Nitrate, Nitrite	TTS-CHM-TM-145/04, Rev 01 via High Performance Liquid Chromatography
Amino Acid Content	According to Waters™ PICO.TAG Amino Acid Analysis Method



TÜV SÜD PSB

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**RESULTS**

Test		Bird Nest
Arsenic (As)	ppm	0.157
Cadmium (Cd)	ppm	0.003
Mercury (Hg)	ppm	0.006
Lead (Pb)	ppm	0.074
Protein (N x 6.25) <sup>1</sup>	(g/100g)	49.2
Hydrogen Peroxide <sup>2</sup>	(% w/w)	Not Detected
Nitrate	ppm	6.33
Nitrite <sup>3</sup>	ppm	Less than LOQ
Amino Acid Content	(g/100g)	54.4

Note:

<sup>1</sup> Test subcontracted to partner lab

<sup>2</sup> Limit of Detection (LOD) for Hydrogen Peroxide is 0.02 % w/w.

<sup>3</sup> Limit of Quantification (LOQ) for Nitrite is 0.05 ppm.

**LOW ERN CHI CLAUDIA**  
CHEMIST II

**MS GOH YING XUAN**  
EXECUTIVE CHEMIST I  
FOOD & PHARMACEUTICAL TESTING  
CHEMICAL & MATERIALS

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Effective 27 March 2024

