

## CERTIFICATE OF ANALYSIS (COA)

Measurement of Heavy Metals by GFAAS (Test Method: In-house Method USM/NPC/TM17B) &  
Measurement of Mercury by FIMS (Test Method: In-house Method USM/NPC/TM18B)

Date of issue: 15 January 2022

Ref no.: PRN2022/171

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### Client and Address:

GENKI HEALTHCARE COOPERATION  
No 7, Boulevard Business Park,  
Jalan Kepayang, Off Jalan Kuching,  
51200 Wilayah Persekutuan  
Kuala Lumpur.

### Sample Descriptions:

Name/ID : Genki  
Received : Saturday, January 15, 2022, at 12.00 pm  
Registered : Saturday, January 15, 2022, at 1.36 pm  
Type : Powder  
Container : Sachet  
Mfg. Date : NA  
Exp. Date : NA  
Batch No. : NA  
KKM No. : NA

Test Performance Duration : 14 - 15 January 2022

### Results:

No.	Test Parameter	Test Method	Food Act 1983 (ppm)	LOD (ppm)	Results (ppm)
1	Arsenic (As)	GFAAS	1.00	0.75	ND
2	Cadmium (Cd)	GFAAS	1.00	0.06	ND
3	Plumbum (Pb)	GFAAS	2.00	1.00	ND
4	Mercury (Hg)	FIMS	0.05	0.025	ND


Opinions and interpretations : NA

### Notes:

1. GFAAS: Graphite Furnace Absorption Spectroscopy
2. FIMS: Flow Injection Mercury System
3. LOD: Limit of Detection
4. ppm: Part per million
5. ND: Not Detected
6. NA: Not Available
7. KKM No.: MAL No. or NOT No.
8. Six points calibration curve ( $R^2 > 0.995$ )
  - As 0.015 - 0.100 ppm ( $\mu\text{g/mL}$ )
  - Pb 0.020 - 0.100 ppm ( $\mu\text{g/mL}$ )
  - Hg 0.0005 - 0.012 ppm ( $\mu\text{g/mL}$ )
  - Cd 0.0012 - 0.0048 ppm ( $\mu\text{g/mL}$ )

### Terms and Conditions

1. USM's laboratory is not involved in any sampling activity of the samples tested. The test results herein are only valid for the samples being tested, as provided by Client
2. USM does not give any form of guarantee on the safety and quality of the tested samples or on the products.
3. USM assumes no liability for any loss, expense or damage occasioned by use or interpretation of this test results.
4. Any unauthorized use, alteration, forgery or falsification of the content or appearance of this Certificate is unlawful and offenders may be prosecuted to the fullest extent of the law.
5. Full laboratory address: Toxicology Laboratory of National Poison Centre, Block J06, National Poison Centre, Universiti Sains Malaysia, 11800 Penang.



ChM. Norjuliana Binti Mohd. Noor  
(IKM No: M/2947/5743/10)  
Approved Signatory/ Science Officer

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