

Sample N°: E44570

Issue date: 24/05/2023

IPC Code: h5322005

**TEST REPORT - MICROBIOLOGICAL ANALYSIS**

Analysis requested by : Jin Yun Jin (Cambodia) Garment Co., Ltd  
 Address : National Road 4, Kambol, Kambol, Phnom Penh  
 Identification : -  
 Sample type : Bottled Water (For Consumption)  
 Packaging : Bottle provided by Laboratory (20mg of Sodium Thiosulfate)  
 Sampling by : Customer  
 Date/Place of sampling : 22/05/2023, 2:20 pm at Factory  
 Date/Time of reception : 22/05/2023, 3:00 pm  
 Date of analysis : 22/05/2023  
 Date of end of analysis : 23/05/2023  
 Temperature of reception : 3.4 °C

Parameters	Results	Unit	Criteria*	Methods
Coliforms bacteria	0	CFU/100ml	0	NF EN ISO 9308-1
<i>Escherichia coli</i>	0	CFU/100ml	0	NF EN ISO 9308-1

\*Drinking water quality standards, Ministry of Industry Mines and Energy, 2004, Cambodia.

Approved by:

*Dr. Mayin SRENG*  
 Head of Environment and Food Safety Lab  
 Institut Pasteur du Cambodge

*The above result is based exclusively on the received sample as indicated in this report.  
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Sample N°: E44570  
IPC Code: h5322005

Issue date: 24/05/2023

**TEST REPORT - PHYSICO-CHEMICAL ANALYSIS**

Analysis requested by : Jin Yun Jin (Cambodia) Garment Co., Ltd  
Address : National Road 4, Kambol, Kambol, Phnom Penh  
Identification : -  
Sample type : Bottled Water (For Consumption)  
Packaging : Bottle provided by Laboratory  
Sampling by : Customer  
Date/Place of sampling : 22/05/2023, 2:20 pm at Factory  
Date/Time of reception : 22/05/2023, 3:00 pm  
Date of analysis : 22/05/2023  
Date of end of analysis : 22/05/2023  
Temperature of reception : 3.4 °C

Parameters	Results	Unit	Criteria*
Turbidity	0.00	NTU	≤ 5
pH	7.6	-	6.5-8.5
Chloride	1.60	mg/l	≤ 250
Ammonium	0.05	mg/l	≤ 1.5
Nitrate	0.05	mg/l	≤ 50
Total Hardness	165.00	mg/l CaCO <sub>3</sub>	≤ 300
Iron	0.00	mg/l	≤ 0.3
Arsenic	0.00	mg/l	≤ 0.05
Free Chlorine	<b>0.03</b>	mg/l	0.2-0.5
Aluminium	0.00	mg/l	≤ 0.2
Copper	0.09	mg/l	≤ 1

Analysis are performed according to spectrophotometric methods (Spectroquant tests of Merck-Millipore).

These methods are not international standard methods.

The results obtained give initial rough idea of chemical tested parameters and must be confirmed by specific normative methods. Furthermore, these tests must be performed rapidly after sampling.

\*Drinking water quality standards, Ministry of Industry Mines and Energy, 2004, Cambodia.

Approved by:

**Dr. Navin SRENG**  
Head of Environment and Food Safety Laboratory  
Institut Pasteur du Cambodge

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