



Test Report

Date : 2023-05-15
No. : HT23040047

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- Applicant** : Circle Home Limited
D40, 17/F, Block D, Wah Lok Industrial Centre,
No.31-35 Shan Mei St.,
Fo Tan, N.T.
- Description of Samples** : One (1) group of submitted sample said to be
PF-10 All-in one filter
- Date Samples Received** : 2023-04-24
- Date Tested** : 2023-04-24 to 2023-05-15
- Investigation Requested** : To evaluate the performance efficiency of the submitted Water
Filter System for the following items:
- Reduction of Heavy Metals (Lead)
- Method(s) Used** : (1) Samples of synthetic water with pre-determined level of (a) ~
10 mg/L Lead and (b) ~ 0.15 mg/L Lead were prepared.
(2) The prepared synthetic water was allowed to run through the
submitted Water Filter System and the effluent from the filter
was collected.
(3) The contents of all effluent were determined by Inductively
Coupled Plasma – Mass Spectrophotometry

CHENG Chun-yiu, David,
Authorized Signatory

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TEST RESULT(S):

Reduction of Heavy Metals

(a) Samples of synthetic water with pre-determined level of ~ 10 mg/L Lead

Test Item(s)	Concentration, ppm		% Reduction Rate
	Before Filter	After Filter	
Lead	11.16	0.023	99.79

(b) Samples of synthetic water with pre-determined level of ~ 0.15 mg/L Lead

Test Item(s)	Concentration, ppm		% Reduction Rate
	Before Filter	After Filter	
Lead	0.156	<0.001	99.36

Notes : - < denotes less than
- ppm denotes part(s) per million

Sample Photo:



***** End of Test Report *****

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