

Eliminación de metales pesados

Jarra alcalina AlkaPlus · cartucho Ace Bio Plus · cinco certificados KEWWI (2016–2017)

DATOS DEL ENSAYO

Laboratorio	Korea Environment & Water Works Institute 29, Yangpyeong-ro 28sa-gil, Yeongdeungpo-gu, Seúl (Corea del Sur)
Cliente	Waters Co., Ltd. — 187, Aegibong-ro, Wolgot-myeon, Gimpo-si, Gyeonggi-do (Corea del Sur)
Nº de certificado	Un certificado independiente por metal: IL-170591 A (aluminio) · IL-170591 B (arsénico) · IL-161560 E (cadmio) · IL-161560 B (mercurio) · IL-161560 C (plomo)
Muestra ensayada	ACE BIO PLUS · uso del informe: presentación
Fechas	Aluminio y arsénico: recepción 12.05.2017, ensayo 12–23.05.2017, emisión 23.05.2017 Cadmio, mercurio y plomo: recepción 13.12.2016, ensayo 13.12.2016 – 11.01.2017, emisión 11.01.2017
Método	Korean Test Method for Water Purifier (ME. NO. 2016-50)
Condiciones	Presión de agua: por gravedad. Condición de ensayo propuesta por el cliente: se hacen pasar 2 litros de agua sintética a través de la muestra y se analiza.

RESULTADOS

Parámetro	Unidad	Entrada	Salida	Eliminación	Mínimo exigido
Plomo (Pb)	mg/L	0,510	No detectado	100 %	90 %
Arsénico (As)	mg/L	0,065	No detectado	100 %	no indicado
Cadmio (Cd)	mg/L	0,053	No detectado	100 %	90 %
Mercurio (Hg)	mg/L	0,010	No detectado	100 %	90 %
Aluminio (Al)	mg/L	0,07	No detectado	100 %	no indicado

Conclusión. Los cinco metales pesados ensayados resultaron no detectables en el agua filtrada, con un 100 % de eliminación en todos los casos. El plomo se ensayó a 0,510 mg/L, cincuenta veces por encima del límite legal de agua de consumo.

Los certificados de aluminio y arsénico no incluyen la columna de porcentaje mínimo exigido. El ensayo mide la eliminación tras el paso de solo 2 litros de agua de reto, no a lo largo de la vida útil del cartucho. El propio laboratorio hace constar en el certificado: «Los resultados de este informe se refieren únicamente a la muestra facilitada por el cliente» y «el informe de ensayo no puede utilizarse con fines publicitarios ni de litigio, y no debe reproducirse sin autorización documental». Consúltese al fabricante antes de darle uso comercial.

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(재)한국환경수도연구원

서울특별시 영등포구 양평로28사길 29
TEL: 02-2637-1234 FAX: 02-2631-8767

Korea Environment & Water Works Institute

29, Yangpyeong-ro 28sa-gil, Yeongdeungpo-gu,
Seoul, 07201, Korea

Tel: +82-2-2637-1234 Fax: +82-2-2631-8767

Kewi

시험 성적서

1. Client Name : Waters CO., LTD.
Address : 187, Aegibong-ro, Wolgot-myeon, Gimpo-si,
Gyeonggi-do
Date of Receipt : May. 12, 2017

Certificate No. : IL-170591 A
Page(1) / (1)Pages
Date of Enforcement : May. 23, 2017

2. Use of Report : Presentation
3. Test Sample : ACE BIO PLUS
4. Date of Test : May. 12, 2017 ~ May. 23, 2017
5. Test method used : Korean Test Method for Water Purifier (ME. NO. 2016-50)
6. Testing Environment : Temperature : (Lowest 24 °C, Highest 25 °C), Humidity : (Lowest 35 % R.H., Highest 40 % R.H.)

Test Results

Sample	Unit	In-Flow Conc.	Result		Remark
			Out-Flow Conc.	Removal Rate	
Al	mg/L	0.07	Not Detected	100 %	-

※ Test condition (suggested by client)
- 2 L of the synthetic water passed through the sample and was analyzed

Notice 1. The results shown in this test report refer only to the offered sample by client.
2. The test report cannot be used for the purpose of litigation or advertising, and shouldn't be republished without document approval.

Received by

Seo Hyunho

Tested by

Song Jangwon

Technical Manager

Song Minhyoung

Korea Environment & Water Works Institute



FPC05-3B(13)

Korea Environment & Water Works Institute

A4(210×297)

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Test Results

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			Out-Flow Conc.	Removal Rate	
As	mg/L	0.065	Not Detected	100 %	-

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Certificate of Test

1. Client Name : Waters CO., LTD. Certificate No. : IL-161560 E
Address : 187, Aegibong-ro, Wolgot-myeon, Gimpo-si, Gyeonggi-do Page(1) / (1)Pages
Date of Receipt : Dec. 13, 2016 Date of Enforcement : Jan. 11, 2017

2. Use of Report : Presentation
3. Test Sample : ACE BIO PLUS
4. Date of Test : Dec. 13, 2016 ~ Jan. 11, 2017
5. Test method used : Korean Test Method for Water Purifier (ME. NO. 2016-50)
6. Testing Environment : Temperature : (Lowest 18 °C, Highest 25 °C), Humidity : (Lowest 20 % R.H., Highest 45 % R.H.)

Test Results

Sample	Unit	In-Flow Conc.	Removal Rate Standard	Result		Remark
				Out-Flow Conc.	Removal Rate (%)	
Cd	mg/L	0.053	90 %	Not Detected	100	-

※ Water Pressure : gravity

※ Test condition (suggested by client)

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