

Summary of relative efficiency of filtration tests conducted on ECAIA® carafe – UNI EN 17093:2018

Zusammenfassung der relativen Effizienz der Filtertests durchgeführt an ECAIA® carafe

Sintesi dell'efficienza relativa dei test di filtrazione effettuati su ECAIA® carafe

EN	DE	IT	% EFFICIENCY
Heavy metals (Mercury, Lead, Selenium, Aluminum, Arsenic, Boron, Nickel, Uranium, Zinc, Yttrium, Palladium, Scandium, Thallium, Bismuth, Gadolinium, Gallium)	Schwermetalle (Quecksilber, Blei, Selen, Aluminium, Arsen, Bor, Nickel, Uran, Zink, Yttrium, Palladium, Scandium, Thallium, Bismuth, Gadolinium, Gallium)	Metalli pesanti (Mercurio, Piombo, Selenio, Alluminio, Arsenico, Boro, Nichel, Uranio, Zinco, Ittrio, Palladio, Scandio, Tallio, Bismuto, Gadolinio, Gallio)	99%
Heavy metals (Chromium, Cadmium, Manganese)	Schwermetalle (Chrom, Cadmium, Mangan)	Metalli pesanti (Cromo, Cadmio, Manganese)	95%
Heavy metals (Vanadium)	Schwermetalle (Vanadium)	Metalli pesanti (Vanadio)	93%
Heavy metals (Cyanides)	Schwermetalle (Cyanide)	Metalli pesanti (Cianuri)	92%
Heavy metals (Silver, Strontium, Lithium, Barium, Beryllium, Cobalt, Bromate)	Schwermetalle (Silber, Strontium, Lithium, Barium, Beryllium, Cobalt, Bromat)	Metalli pesanti (Argento, Stronzio, Litio, Bario, Berillio, Cobalto, Bromato)	90%
Heavy metals (Antimony)	Schwermetalle (Antimon)	Metalli pesanti (Antimonio)	85%
Heavy metals (Copper)	Schwermetalle (Kupfer)	Metalli pesanti (Rame)	72%
Heavy metals (Iron)	Schwermetalle (Eisen)	Metalli pesanti (Ferro)	25%
Metals (Calcium)	Metalle (Calzium)	Metalli (Calcio)	74%
Metals (Potassium)	Metalle (Kalium)	Metalli (Potassio)	6%
Metals (Sodium, Magnesium)	Metalle (Natrium, Magnesium)	Metalli (Sodio, Magnesio)	0
Harmful chemicals (Ammonium)	Schädliche Chemikalien (Ammonium)	Sostanze chimiche dannose (Ammonio)	85%
Harmful chemicals (Nitrites)	Schädliche Chemikalien (Nitrite)	Sostanze chimiche dannose (Nitriti)	80%
Harmful chemicals (Nitrates)	Schädliche Chemikalien (Nitrate)	Sostanze chimiche dannose (Nitrati)	34%
Glyphosate	Glyphosat	Glifosato	95%
Pesticides	Pflanzenschutzmittel	Pesticidi	95%
PFAS	PFAS	PFAS	99 %
VOC	VOC	COV	99%

Polycyclic aromatic hydrocarbons PAHs	Polyzyklische Aromatische Kohlenwasserstoffe PAK	Idrocarburi Policiclici Aromatici IPA	98%
Aromatic Organic Compounds	Aromatische Organische Verbindungen	Composti Organici Aromatici	98%
Phosphorus Pesticides	Phosphorus Pflanzenschutzmittel	Pesticidi Fosforati	99%
Organohalogen Compound	Halogenorganische Verbindungen	Composti Organoalogenati	99%
Hormones	Hormone	Ormoni	99%
Volatile halogenated hydrocarbons (Fluorides, Chlorides, Bromides, Iodides)	Leichtfluchtige halogenierte kohlenwasserstoffe (Fluoride, Chloride, Bromide, Iodide)	Idrocarburi alogenati volatili (Fluoruri, Cloruri, Bromuri, Ioduri)	95%
BTEX	BTEX	BTEX	99%
Benzo(a)pyrene, Tetrachlorethylene, Trichloroethylene, 1,2-dichloroethane	Benzo(a)pyren, Tetrachlorethylen, Trichlorethylen, 1,2-Dichlorethan	Benzo(a)pirene, Tetracloroetilene, Tricloroetilene, 1,2-dicloroetano	99%
Trialomethanes	Trialomethane	Trialometani	99%

So.Gest Ambiente Srl, a laboratory accredited number 0969 by ACCREDIA, in accordance with the Standard UNI EN 17093: 2018, has verified:

- 1) REDUCTION OF METALS = COMPLIANT, EXCEPT COPPER AND IRON
- 2) REDUCTION OF DANGEROUS CHEMICAL SUBSTANCES = COMPLIANT, EXCEPT FREE CHLORINE AND NITRATE
- 3) NO REDUCTION OF CALCIUM, POTASSIUM, SODIUM AND MAGNESIUM

So.Gest Ambiente Srl, ein von ACCREDIA unter der Nr. 0969 hat gemäß der Norm UNI EN 17093: 2018 Folgendes überprüft:

- 1) REDUZIERUNG VON METALLEN = KONFORM, AUSSER KUPFER UND EISEN
- 2) REDUZIERUNG VON GEFÄHRLICHEN CHEMISCHEN SUBSTANZEN = KONFORM, AUSSER FREIEM CHLOR UND NITRAT
- 3) KEINE REDUZIERUNG VON KALZIUM, KALIUM, NATRIUM UND MAGNESIUM

La So.Gest Ambiente Srl, Laboratorio accreditato ACCREDIA al n. 0969, in accordo alla norma UNI EN 17093:2018 ha verificato:

- 1) RIDUZIONE DEI METALLI = CONFORME, TRANNE RAME E FERRO
- 2) RIDUZIONE DELLE SOSTANZE CHIMICHE PERICOLOSE = CONFORME, TRANNE CLORO LIBERO E NITRATO
- 3) NESSUNA RIDUZIONE DI CALCIO, POTASSIO, SODIO E MAGNESIO

Dott.ssa Carolina Giambelluca

