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Evaluation de la teneur en micro-plastiques

Client : Eaux minérales de Velleminfroy

Dossier : 18G009006

Devis : ECT420180046

Version 1 du 29/08/2018

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Sommaire

I. OBJET DE L'ETUDE

Le présent rapport porte sur la détermination de micro-plastiques potentiellement présents dans des eaux embouteillées.

II. METHODE

Echantillon n° 18G009006 :

L'échantillon (Bouteille de 1L) a été filtré et rincé sur un filtre en papier. Le papier est ensuite visuellement évalué afin de déterminer les particules anthropogéniques. Toutes les particules sont mesurées. Une forme et une couleur leur est également affectée

Compte tenu des limites de détection visuelles seules les particules comprises entre 50 µm et 5 mm sont analysés

III. RESULTATS

Aucune particule n'a été détectée. Confère rapport ci-joint.

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Received: 14.08.2018
Temperature:
Analysed between: 15.08.2018-28.08.2018
Reference: 18G009006-01

ANALYTICAL REPORT

Sample code:	**441-2018-0815-019**	Sampled on:	10.08.2018
Description:	Clean water Rent vann	Sampled by:	Oppdragsgiver
Client Sample:	18G009006-001	Analysis date:	15.08.2018

Analysis	Result	Unit	LOQ:	MU	Method
a)* Microplastic particles (number, colour and shapes)					
a)* Particles	0.00	Particle/l			Spectrophotometry (FT-IR)
a)* plastic percentage	NA	%			Spectrophotometry (FT-IR)
a)* Appearance - Colour	NA				Spectrophotometry (FT-IR)
a)* Shape	NA				Spectrophotometry (FT-IR)

Sample Comments:
Sample was analysed under strict contamination control procedures in NIVA microplastic laboratory.

Sample was filtered and rinsed onto GF/D filter paper. The filter paper was visually assessed for the presence of anthropogenic particles. Only particles smaller than 5 mm and greater than 50 µm were included in this analysis due to visual detection limits.

Contamination controls were carried out throughout. Procedural blanks following identical preparation and analytical methodology were analysed to establish any laboratory contamination.

No polymer particles was detected.

Test was performed by / subcontractor:
a)* Norwegian Institute for Water Research, Gaustadaleen 21, N-0349, Oslo

Symbol description:
* Not part of the accreditation LOQ: Limit of Quantification MU: Uncertainty of Measurement
<: Less than >: Greater than nd: Not detected. Bacteriological results such as <1 or <50 means 'not detected'.
Further information regarding measurement uncertainty are available upon request.
Measurement uncertainty has not been taken into account when assessing the result against the limit value.

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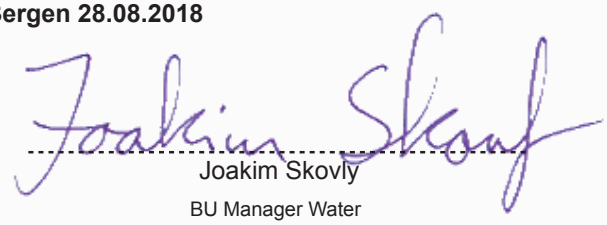
Bergen 28.08.2018



Joakim Skovly

BU Manager Water

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