

***Laser ablation-ICP-mass spectrometry for determination of the  
concentrations and spatial distributions of bromine and iodine in  
human hair***

*Diogo La Rosa Novo<sup>a†</sup>, Thibaut Van Acker<sup>b†</sup>, Joke Belza<sup>b</sup>, Frank Vanhaecke<sup>b\*</sup>,  
Marcia Foster Mesko<sup>a\*</sup>*

*<sup>a</sup>Laboratório de Controle de Contaminantes em Biomateriais - LCCBio, Centro de Ciências  
Químicas, Farmacêuticas e de Alimentos, Universidade Federal de Pelotas, 96160-000  
Capão do Leão, RS, Brazil.*

*<sup>b</sup>Atomic & Mass Spectrometry – A&MS research unit, Department of Chemistry, Ghent  
University, 9000 Ghent, Belgium.*

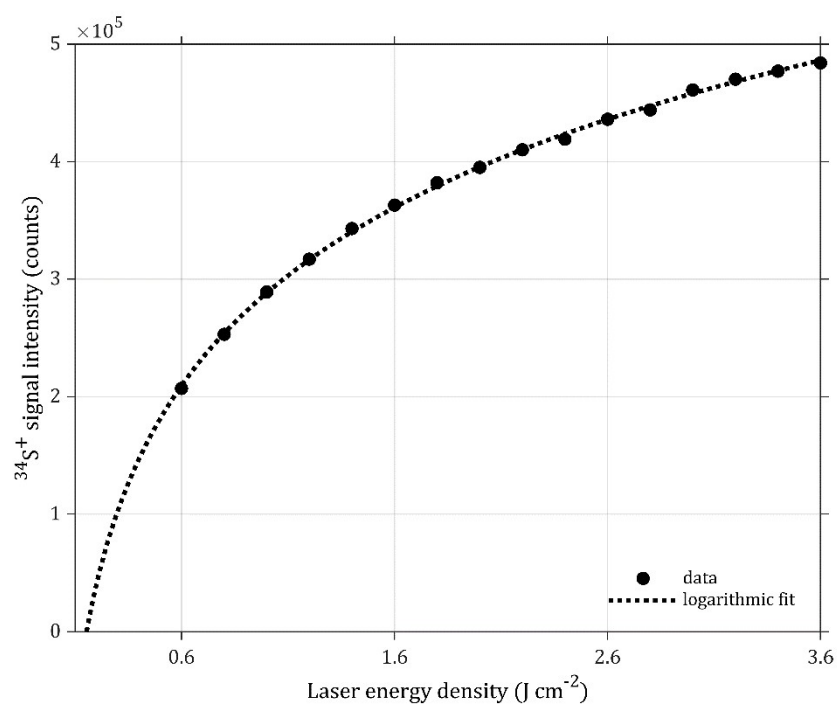
\*Corresponding author

†These authors contributed equally.

E-mail address: marcia.mesko@pq.cnpq.br; frank.vanhaecke@ugent.be

Telephone number: + 55 53 3275 7387

## Supplementary material



**Figure SI 1.** Signal of  $^{34}\text{S}^+$  during the ablation of human hair as a function of laser energy density.