

**Solid substrate based on clay minerals for sampling organic liquids  
in molecular LIBS analysis**

Layla P. Santos, José F. Q. Pereira e Ivo M. Raimundo Jr.\*

Universidade Estadual de Campinas, UNICAMP, PO Box 6154, 13083-970, Campinas,  
Brazil

E-mail address: [ivo@unicamp.br](mailto:ivo@unicamp.br)

**Table 1.** Results of elemental analysis by CHNS technique.

<b>Samples</b>	<b>Weight (mg)</b>	<b>Carbon (mg)</b>	<b>Hydrogen (mg)</b>	<b>Nitrogen (mg)</b>
<b>Natural bentonite</b>	2,10	0,17	1,58	-0,04
<b>Calcined bentonite</b>	1,74	0,10	1,35	-0,05
<b>Natural sepiolite</b>	2,04	0,1	0,06	-0,09
<b>Calcined sepiolite</b>	1,36	0,05	-0,01	-0,07

\*Null values of mass for sulfur in different conditions.