

### Antioxidant capacity of *Immutines* solution

To determine the possible contribution of the *Immutines* solution to the antioxidant capacity as determined in *Immutines-treated* cucumbers, the hydrophilic ORAC value of the *Immutines* solution is also determined.

The constituents of the reformulated *Immutines* are described in the ORAC Europe report of September 23, 2008.

The antioxidant capacity of the *Immutines* (expressed as hydrophilic ORAC value) is determined in the same way as previously described in this report (see pag. 4).

Sample	ORAC value ( $\mu\text{mol TE} / \text{mL}$ )*
<i>Immutines</i> solution	0.05 $\pm$ 0.0014 (n=3)

\* The hydrophilic ORAC value is expressed as  $\mu\text{mol TE}$  per mL *Immutines*. After re-calculation of the obtained ORAC value per mL, into  $\mu\text{mol TE}$  per 100 gram (to compare this value with the obtained ORAC values of the cucumbers), the hydrophilic ORAC value of the *Immutines* solution is:

**3.85  $\mu\text{mol TE} / 100 \text{ g}$**  (relative density of *Immutines* solution: 1,3)