



8/8/05

**K.Mason**  
**WaterCulture**

### Initial assessment on the Enviolyte Technology

Keith,

The BFA has done an initial assessment on your submitted Enviolyte technology. A summary of this assessment is listed below.

- The technology behind your water treatment technology is that known as electrochemical activation. This provides a unipolar charge to a solute in a dilute aqueous solvent.
- This electrochemical process occurs naturally when lightning comes in contact with the ocean which causes electrochemical activation to occur to dissolved salts in the sea.
- This technology allows the use of normal concentrations of naturally occurring compounds and elements as effective sanitising agents.
- The technology is generally recognised as safe from an ecological perspective: eliminating the need for the use of toxic chemical compounds in the sanitising of food and water used in the processing of food.

The result of this initial assessment is that the BFA deems that this technology would be suitable for use as a sanitiser in certified organic systems. Being a non-toxic, material, the liquid products used as the sanitiser would meet the requirements of the National Standard for Organic and Biodynamic Produce (3.1), Appendix II, Annex A and the Organic Standard (V 6), Annex IV. It is noted that no synthetic compounding of chemical elements occurs in the process of Enviolyte manufacture.

Please be aware that this assessment is an initial one only. For final approval to be supplied, the BFA will require a detailed technical submission on the product including the process on its manufacture, its environmental fate and ecotoxicity data. This information would be reviewed by the Standards Sub-committee. Finally be aware that the Organic Standards are revised from time to time by relevant authorities and that this current approval may therefore be subject to change.

Should you have any enquiries, please feel free to contact me.

Regards

**David Hardwick**  
Technical Officer



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