



## Certificate of Testing – Degradability & Shelf Life

### Testing and Certification Entity

Symphony Environmental Product Testing Laboratory, United Kingdom

### Product Submission

Customer/Factory

### Products Tested

- HDPE/LLDPE gloves (1% d<sub>2</sub>w™ 93389 additive)
- Control samples of HDPE/LDPE gloves without d<sub>2</sub>w™

### Tests Undertaken

1. Accelerated Ultra Violet Ageing (QUV) – ASTM D5208
2. Measurement of Carbonyl Optical Density of the samples during the ageing test

### Full Test Report

Bio-Green Products (2955) 29032011

### Test Results Summary and Conclusion

Based on the results of the tests undertaken (see Full Test Report), together with our knowledge of similar products, the PE gloves with d<sub>2</sub>w™ additive as tested are:

1. Totally Recyclable
2. 100% Degradable and Bio-degradable if disposed of in the presence of oxygen
3. Fit for Purpose with a useable shelf life of 12 months from the date of manufacture if stored in their original packaging, and in conditions where the temperature does not exceed 30°C

Signed:

Michael F Stephens  
Technical Director

*Symphony's d<sub>2</sub>w additives have been extensively tested as part of the company's ongoing testing regime to prove their Degradability, Eco-Toxicity and Food Contact safety.*

Certificate Number  
11/2955

Date of issue  
29/03/2011



ISO 9001-2000



Oxo-biodegradable  
Plastic Association



Market of  
London Stock  
Exchange



Society of Plastics  
Engineers (US)



Green Apple  
Award



ASTM  
Standards Worldwide



Society of the  
Chemical Industry  
(UK)



Millennium  
Award