



# Certification of d<sub>2</sub>p (Ag)



Registered in England no.2967867  
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**This is to certify the following verification of the technical specification and performance of d<sub>2</sub>p(Ag) anti-microbial:**

d<sub>2</sub>p(Ag) is an additive formulation that imparts anti-microbial properties to plastic polymers, providing long-term protection against infection

d<sub>2</sub>p(Ag) additive does not contain heavy metals (defined by 94/62/EC Art 11 as lead, mercury, cadmium, or hexavalent chromium).

d<sub>2</sub>p(Ag) additive meets the food-contact requirements outline in Code of Federal Regulations issued by the United States Food and Drug Administration (FDA), paragraph 21 CFR 177.1520, Subpart B: Substances for Use as Basic Components of Single and Repeated Use Food Contact Surfaces.

d<sub>2</sub>p(Ag) has also been tested to confirm effectiveness for use in packaging articles or for holding food during cooking (specification 177.1520(c)3.2a). The adjuvants are cleared according to Part 178 (indirect food additives) or are generally recognized as safe (GRAS), or are prior-sanctioned food ingredients. It is the responsibility of the manufacturers of products intended for food-contact to ensure that all other materials incorporated by them comply with those requirements.

If polymer products are correctly made with d<sub>2</sub>p(Ag), the additive will have no effect upon the strength and other characteristics of the product during its service-life.

d<sub>2</sub>p(Ag) anti-microbial plastics have the same disposal options as conventional oil-based plastics and should be treated in the same way according to local regulations.

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MICHAEL F. STEPHENS  
Technical Director  
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