



## A functional environmentally safe plastic, designed for the circular economy

**Aquapak's Hydropol™ is a specially engineered material that can create a range of packaging products that are designed to eliminate plastic pollution at source**

### Compostability- ISO 17088

Hydropol™ 33101P (20-25µm) has been certified against ISO 17088-2012 (Specifications for Compostable Plastics) by India's CIPET laboratory. The analysis used test method ISO 14855-1 (Determination of the Ultimate Aerobic Biodegradability of Plastics). The film reached 90.07% of biodegradation within 101 days, well below the threshold time limit of 90% within 180 days. A copy of the test report/certificate is available upon request.

N.B The report states the material to be a combination of Starch and Polyvinyl alcohol. Hydropol does not contain starch, but the long chain polyols contained within its formulation give rise to similar bands in an FTIR spectrum. Therefore, within the constraints of the test methodology, the laboratory has categorised it along side those PVOH films which do contain starch.

A handwritten signature in black ink, appearing to read "E. Smith".

Dr Elizabeth Smith  
Technical Manager