

## Test Assignments

The release of toxic ions

## Tested Material

CTech-LLC<sup>®</sup> Polymer Modified Waterproofing Coating (PWC<sup>™</sup>)

## Test Dates

2-Nov-2023



## Test Description

Ensuring the integrity and safety of potable water reservoirs and tanks requires more than just long-term watertightness; these structures must also be easy to maintain, food-safe, and harmless to health.

Various internal waterproofing systems that are in direct contact with potable water must fulfill stringent requirements regarding hygiene, durability, exposure and stress conditions, construction method and sequence, ease of application and total cost management.

The BS 6920 defines requirements for the suitability of non-metallic (including cementitious) materials and products, and also water fittings and components, pipes and materials used in coating, protection, lining, jointing, sealing and lubrication, for use in contact with either hot or cold water intended for human consumption, with regard to their effect on the quality of the water.

## Test Results

Sample	CTech-LLC <sup>®</sup> Polymer Modified Waterproofing Coating (PWC <sup>™</sup> )							
Results	Hg	As	Pb	Cr	Ni	Cd	Sb	CN <sup>-</sup>
		<1.0 ppb	<1.0 ppb	<0.1 ppb	<0.1 ppb	<0.1 ppb	<0.1 ppb	<1.0 ppb

## Conclusion

The sample of the product referred to in this report has been tested in accordance with the methods specified in BS 6920: Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water. This product has satisfied the criteria set out in BS 6920 and can be used for waterproofing of potable water.