

Abridged Lab Report Results

JoJo Whole-House Disruptor Filter Cartridge

TEST DETAILS

In order to substantiate the claims made on our filtration packaging, we have done some independent testing for specific products within our range. Please note that this is a summary of the test results, detailed reports are available on request.

Lab	T R Laboratory Services
Date	09 September 2019
Standard conducted under	SANS 241:2015
Test/Source water	Mixture of borehole and contaminated stream water



Analysis	Unit	SANS 241:2015	Test Water	Filtered Water
Chlorine	mg/l	<5	0.87	0.01
E. Coli	count/ml	Not detected	140	Not detected
Coliforms	count/100ml	<10	25000	Not detected
Total Plate Count	count/ml	<1000	1000	5
Colour	mg/l Pt	<15	22	10
Odour or taste		Inoffensive	Mild	Inoffensive
Turbidity	NTU	<5	10.6	1.99
Suspended Solids	mg/l		5	1
Total Dissolved Solids	mg/l	<1200	247	214
pH		5-9.7	8.65	8.3

Result Summary

Odour and taste were successfully improved. Although bacteria levels were very high in the test water, complete removal took place for E coli and coliform. Aerobic bacteria was also removed completely. Considering the high levels that were present, these results are very positive with the water meeting drinking specifications with regards to bacteria. Chlorine removal was also successful and particulates, dirt, rust and sediment were successfully reduced. Conclusion: overall the results are positive with sufficient reduction/removal of microbiological and physical contaminants.