

Abridged Lab Report Results

JoJo Undersink Filter

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	10 July 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	0.76	0
E. Coli	count/ml	Not detected	140	Not detected
Coliforms	count/100ml	<10	25000	Not detected
Total Plate Count	count/ml	<1000	10000	83
Colour	mg/l Pt	<15	11	7
Odour or taste		Inoffensive	Mild	Inoffensive
Turbidity	NTU	<5	0.6	0.44
Suspended Solids	mg/l		1	0
Total Dissolved Solids	mg/l	<1200	899	920
pH		5-9.7	8.56	8.45

Result Summary

Odour and taste were successfully improved. Although bacteria levels were very high, complete removal took place for E coli and coliform. Aerobic bacteria was reduced almost completely by 99% (considering the high levels that were present these results are very positive with the water meeting drinking specifications with regards to bacteria). Chlorine was completely removed, as were particulates, dirt, rust, sediment and suspended solids. Conclusion: overall the results are positive and the 'claims' that were tested all proved true.