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**Your Ref.:** I-2017-ADI Water  
**Our Ref.:** I-2017-ADI Water  
**Enquiries:** Mellisa  
**Tel. #:** (012) 841-4145

**Date:** 29 September 2017

## REPORT OF ANALYSIS

ADI Water Purification (Pty) Ltd

Dear Sir

### SUBJECT: Analysis of efficacy of ADI Water Purification Product

#### 1. INTRODUCTION

A sample of the ADI Water Purification product was tested by addition to water samples spiked with Escherichia Coli bacteria

#### 2. SAMPLE RECEIPT AND ANALYSES REQUESTED

The ADI Water Purification product was added to water samples spiked with Escherichia Coli bacteria in the prescribed ratio (3.5g of ADI Water Purification powder diluted with 25L of water). E Coli tests were carried out after spiking, after 20 minutes of addition of the product and after 40 minutes of addition of the product.

#### 3. ANALYTICAL METHODS

The water sample aliquots were tested for Escherichia Coli bacteria using Accredited Method number MMP8.

#### 4. RESULTS

##### 4.1 E coli test results of water sample

	E. coli (Count per 100ml)	
	Sample A	Sample B
After Spiking with E Coli Bacteria	470 000	530 000
Count After 20 minutes	<1	
Count After 40 minutes		<1

#### 5. DISCUSSION

The results obtained show that the initial counts of E Coli bacteria in the sample were spiked high in both A and B samples. The ADI Water Purification product was added and showed <1

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counts after 20 minutes in Sample A and <1 counts after 40 minutes in sample B. The ADI Water Purification product as tested in this report therefore shows removal of the E Coli bacteria after 20 minutes when used in the prescribed ratio 3.5g of ADI Water Purification powder diluted with 25L of contaminated water.

Please contact us should you require any further information.

Your sincerely,

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