

# TEST REPORT: 7191240808-CHM20-LLH-CR1

Date: 04 AUG 2020

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Client's Ref:

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## **SUBJECT**

Analysis of WATERLIQ Sample

## **CLIENT**

ERST Asia Pacific Pte Ltd  
No. 10 Kaki Bukit Road 1, #01-30  
KB Industrial Building  
Singapore 416175

Attn: Bilal

## **DATE OF SAMPLE SUBMISSION / TESTING**

21 Jul 2020 / 21 Jul to 03 Aug 2020

## **DESCRIPTION OF SAMPLE**

One WATERLIQ sample was collected and labelled as shown in the table under RESULTS

## **METHOD OF TEST**

The tests were conducted based on APHA-AWWA-WEF 22nd Edition 2012 - Standard Methods for the Examination of Water and Wastewater



TÜV SÜD PSB

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**RESULTS**

Test Parameter		WATERLIQ Sample	@Allowable Limit
Taste		Unobjectionable	Not Specified
Odour		Unobjectionable	Not Specified
Colour	Hazen	< 2.5	15
Turbidity	NTU	0.30	5
pH value at 25°C		6.8	6.5 – 9.5
Conductivity at 25°C	µS/cm	359	Not Specified
Nitrate as NO <sub>3</sub>	mg/l	2.0	50
Fluoride as F	mg/l	0.4	0.7
Total Dissolved Solids	mg/l	345	Not Specified
Total Alkalinity (as CaCO <sub>3</sub> )	mg/l	47.9	Not Specified
Total hardness (as CaCO <sub>3</sub> )	mg/l	49.6	Not Specified
Chloride (as Cl)	mg/l	62.0	Not Specified
Sulphate (as SO <sub>4</sub> )	mg/l	28.0	Not Specified
Phosphate (as PO <sub>4</sub> )	mg/l	< 0.1	Not Specified
Silica (as SiO <sub>2</sub> )	mg/l	2.3	Not Specified
Iron (as Fe)	mg/l	< 0.01	Not Specified
Manganese (as Mn)	mg/l	< 0.01	0.4
Copper (as Cu)	mg/l	0.06	2
Aluminium (as Al)	mg/l	< 0.01	0.2
Total chlorine	mg/l	< 0.01	5
<i>Escherichia coli</i> * (35°C, 24 hr)	CFU/100ml	< 1	< 1

Note :

1. @ The allowable limits for drinking water as per Environmental Public Health (Quality of Piped Drinking Water) Regulations 2008 (updated 1 Nov 2010).
2. CFU Colony Forming Unit
3. EC Broth For enumeration of E. coli
4. \* Determined by Membrane Filter Procedure



**REMARKS**

The parameters tested for the WATERLIQ sample were within the allowable limits for drinking water as per Environmental Public Health (Quality of Piped Drinking Water) Regulations 2008 (updated 1 Nov 2010).



A handwritten signature in black ink, appearing to read 'Lee'.

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**LEE LENG HIANG**  
HIGHER TECHNICAL EXECUTIVE

A handwritten signature in black ink, appearing to read 'Pi Na'.

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**DR. PI NA**  
ASSISTANT PRODUCT MANAGER  
ENVIRONMENTAL MONITORING  
CHEMICAL & MATERIALS

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July 2011

