สถาบันวิจัยสภาวะแวดล้อม
ENVIRONMENTAL RESEARCH INSTITUTE
Chulalongkorn University

2nd Floor, Institute Building 2, Phayathai Rd.
Pathumwan, Bangkok, 10330
Phone: +(66)2-218-8117

ANALYTICAL REPORT

A-Cast (Thailand) Co., Ltd.

ที่อยู่: 32/41 Sino-Thai Tower 16 F., Sukhumvit 21 Road (Asoke), Klongtoey-Nua, Wattana Bangkok 10110

Job ID:	**Sample Received:**	**Reported:**
D4-23-652FA74070B8B	2023-10-18	2023-11-07

Analyte	Remark	Result	Unit
7-eleven			
Water pH	5.8 and more, 8.6 and less	6.7	-
Water Conductivity	-	16.4	µS/cm
Water Hardness	300 and less	3.70	mg/L as CaCO3
Iron (Fe)	0.3 and less	<0.005	mg/L
Aura			
Water pH	5.8 and more, 8.6 and less	7.3	-
Water Conductivity	-	378	µS/cm
Water Hardness	300 and less	163	mg/L as CaCO3
Iron (Fe)	0.3 and less	<0.005	mg/L
นีเวียร์			
Water pH	5.8 and more, 8.6 and less	6.1	-
Water Conductivity	-	7.2	µS/cm
Water Hardness	300 and less	1.85	mg/L as CaCO3
Iron (Fe)	0.3 and less	<0.005	mg/L

Method:

Water pH - Electrometric Method, 4500-H+ B, Standard Methods for the Examination of Water and Wastewater. American Public Health Association, American Water Works Association, Water Environment Federation, 23rd edition, 2017.

Water Conductivity - Laboratory Method, 2510 B, Standard Methods for the Examination of Water and Wastewater. American Public Health Association, American Water Works Association, Water Environment Federation, 23rd edition, 2017.

Water Hardness - EDTA Titrimetric Method, 2340 C, Standard Methods for the Examination of Water and Wastewater. American Public Health Association, American Water Works Association, Water Environment Federation, 23rd edition, 2017.

Iron (Fe) - Inductively Coupled Plasma Method, 3500 B (3120), Standard Methods for the Examination of Water and Wastewater. American Public Health Association, American Water Works Association, Water Environment Federation, 23rd edition, 2017.

Remark:

Official digital version of this report can be downloaded here.
https://eric.chula.ac.th/lab/report/652fa74070b8b

Mrs. Areeya Ratanawannachai
Analyst

Dr. Seelawut Damrongsiri
Laboratory Supervisor

Prof. Dr. Srilert Chotpantarat
Deputy Director