



## Analysis / Test Report

**Client** : C.P.K.INTERNATIONAL CO., LTD.  
167/4, Charoenrat Rd., T. Kudpong, A. Muang loei, Loei Thailand 42000

**P/O** :  
**Project Name** :  
**Project Location** :

**TESTING**

**No.0009**

**Lot ID: 2256733**

Date Received : May 14, 2022

Date Reported : May 21, 2022

Report Number : 2320187-1

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<b>Sample Number</b>	2256733-1
<b>Sampled Date</b>	May 13, 2022 11:45 AM
<b>Sample Description</b>	Wastewater
<b>Location</b>	Effluent
<b>Date Analysis Commenced</b>	May 14, 2022
<b>Condition of Sample</b>	Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD (5 days at 20 degree C) *	mg/L	-	2	13	≤30	Based on APHA (2017), 5210 (B)	Bangkok
Oil & Grease	mg/L	-	3	4	≤20	Based on APHA (2017), 5520 B	Bangkok
pH at 25 degree C		-	-	7.6	5.0-9.0	Based on APHA (2017), 4500-H (B)	Bangkok
Settleable Solid *	ml/L/hr	-	0.1	<0.1	≤0.5	Based on APHA (2017), 2540 F	Bangkok
Sulfide *	mg/L	-	0.5	0.8	≤1	Based on APHA (2017), 4500-S2(C), (F)	Bangkok
Total Dissolved Solids Dried at 103-105 degree C	mg/L	-	5	248	(1)	Based on APHA (2017), 2540 C	Bangkok
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	22.6	≤35	Based on APHA (2017), 4500-Norg (C)	Bangkok
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	8	≤40	Based on APHA (2017), 2540 D	Bangkok

**Guideline** : Notification of Ministry of Natural Resources and Environment November,7 ,B.E. 2548 on Effluent Control Standard from Types and Sized of Buildings, Type B.

(1) : The values are in addition to the Total Dissolved Solids of the water used not more than 500 mg/L.

Remark :

- \* LOD : Limit of Detection
- \* "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- \* Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

Approved by

*Siriluk P.*

Siriluk Puenggang  
Supervisor

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand PHONE +66 0 2760 3000 FAX +66 0 2760 3197

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