

## เอกสารแนบ 11

ผลวิเคราะห์เชื้อสปีชีโอเนลลาในน้ำจากหอฝิ่งเย็น



## Analysis / Test Report

TESTING

No.0009

**Lot ID: 2429413**

Date Received : Mar 20, 2024

Date Reported : May 23, 2024

Report Number : 2957919-1

**Client :** Thanarad Thung Song Co., Ltd.

88/8 Moo 1, Tambon Chamai, Amphoe Thung Song, Nakhonsithammarat Thailand 80110

**P/O :** PO67030150

**Project Name :** โรงพยาบาลชนบุรี ห่งสง

**Project Location :**

Page 1 of 1

<b>Sample Number</b>	2429413-9
<b>Sampled Date</b>	Mar 20, 2024 11:15 AM
<b>Sample Description</b>	Consumption Water
<b>Location</b>	น้ำในถาด Cooling Tower
<b>Date Analysis Commenced</b>	Mar 21, 2024
<b>Condition of Sample</b>	Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Microbiological Testing</b>							
<i>Legionella spp.</i> *	CFU/L	-	-	Not Detected**	Not Detected	ISO 11731 (2017)	Bangkok

**Guideline :** Notification of Department of Health about Legionella Control in Cooling Tower B.E. 2544

**Note :** \*\* Not Detected mean Bacteria not found in agar plate.

**Sampling By :** WutthichaiTaucharoen , Woravut Deenuk

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.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Approved by

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report 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.

Scientist (3)

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



## Analysis / Test Report

TESTING

No.0009

**Lot ID: 2463069**

Date Received : Jun 06, 2024

Date Reported : Jun 22, 2024

Report Number : 3033060-1

**Client :** Thanarad Thung Song Co., Ltd.

88/8 Moo 1, Tambon Chamai, Amphoe Thung Song, Nakhonsithammarat Thailand 80110

**P/O :** PO67060126

**Project Name :** โรงพยาบาลธนบุรี หุ่่งสง

**Project Location :**

Page 1 of 1

<b>Sample Number</b>	2463069-4
<b>Sampled Date</b>	Jun 05, 2024 10:50 AM
<b>Sample Description</b>	Consumption Water
<b>Location</b>	น้ำในถาด Cooling Tower
<b>Date Analysis Commenced</b>	Jun 06, 2024
<b>Condition of Sample</b>	Contained in two plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Microbiological Testing</b>							
<i>Legionella spp.</i> *	CFU/L	-	-	Not Detected**	Not Detected (1)	ISO 11731 (2017)	Bangkok

**Guideline :** หนังสือการปรังแต่งคุณภาพน้ำ มาตรฐานน้ำใน Cooling Tower ดร.มันสัน ตัณฑุลเวศน์  
(1) ประกาศกรมอนามัย พ.ศ. 2544 เรื่องข้อปฏิบัติการควบคุมเชื้อลิจิโอนลลา ในหอฝั่งเย็นของอาคารในประเทศไทย

**Note :** \*\* Not Detected mean Bacteria not found in agar plate.

**Sampling By :** Apiwat Chanta , Woravut Deenuk

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.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Approved by

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report 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.

Scientist (3)

ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250 Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197  
ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER

21462-21/ EMAIL

S:\Reports\\_All\_GL.rpt ( 3:18PM)