Name of Laboratory : The laboratory of Saha Farms Co., Ltd. (Lopburi) Section water quality testing

Address : 99 Moo 8, Tambon Huayhin, Amphoe Chai Badan,

Changwat Lop Buri 15130

Accreditation Number: Testing - 0091

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Initial Issue Date : 18th September 2012

Issue Date : 15th June 2023

Expired date : 14th June 2027

Standard : ISO/IEC 17025:2017

Reference No. : 0303/9837

Scope of Laboratory Accreditation

Laboratory Name : The laboratory of Saha Farms Co., Ltd. (Lopburi) Section water quality testing

Address : 99 Moo 8, Tambon Huayhin, Amphoe Chai Badan,

Changwat Lop Buri 15130

Accreditation Number : Testing - 0091

Laboratory Status : $oxed{\omega}$ Permanent $oxed{\square}$ Site $oxed{\square}$ Temporary $oxed{\square}$ Mobile

	Laboratory Status . De Permanent De Site De Pemporary De Mobile				
Item	Test Material /	Test Item /	Test Method /		
Number	Product	Range of Testing	Technique Used		
1	Water	- pH	Standard Methods for the Examination		
		6.0 to 9.0	of Water and Wastewater, APHA,		
			AWWA & WEF, 24 th ed., 2023,		
			part 4500-H ⁺ B		
		- Chloride	In – house method : TMLCH 010-1		
		10 mg/L to 500 mg/L	based on Standard Methods for the		
			Examination of Water and Wastewater,		
			APHA, AWWA & WEF, 24 th ed., 2023,		
			part 4500-Cl B		
		- Total hardness	Standard Methods for the Examination		
		(Calculated as CaCO ₃)	of Water and Wastewater, APHA,		
		5 mg/L to 500 mg/L	AWWA & WEF, 24 th ed., 2023,		
			part 2340 C		

Initial Issue Date 18th September 2012

Issue Number 7

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Scope of Laboratory Accreditation

Laboratory Name : The laboratory of Saha Farms Co., Ltd. (Lopburi) Section water quality testing

Address : 99 Moo 8, Tambon Huayhin, Amphoe Chai Badan,

Changwat Lop Buri 15130

Accreditation Number : Testing - 0091

Laboratory Status : $oxed{arDelta}$ Permanent $oxed{\Box}$ Site $oxed{\Box}$ Temporary $oxed{\Box}$ Mobile

Laborator	Laboratory Status . Let Fermanient Let Site Let Temporary Let Mobile			
Item	Test Material /	Test Item /	Test Method /	
Number	Product	Range of Testing	Technique Used	
1	Water	- Sulfate	In – house method : TMLCH 012-1	
(cont.)		10 mg/L to 500 mg/L	based on Standard Methods for the	
			Examination of Water and Wastewater,	
			APHA, AWWA & WEF, 24 th ed., 2023,	
			part 4500-SO ₄ ²⁻ E	
		- Iron	In – house method : TMLCH 013-1	
		0.2 mg/L to 2.0 mg/L	based on Standard Methods for the	
			Examination of Water and Wastewater,	
			APHA, AWWA & WEF, 24 th ed., 2023,	
			part 3500-Fe B	
		- Total solids	Standard Methods for the Examination	
		dried from 103 ℃ to 105 ℃	of Water and Wastewater, APHA,	
		10 mg/L to 600 mg/L	AWWA & WEF, 24 th ed., 2023,	
			part 2540 B	

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Scope of Laboratory Accreditation

☐ Temporary

☐ Mobile

Test Method /

Laboratory Name : The laboratory of Saha Farms Co., Ltd. (Lopburi) Section water quality testing

☐ Site

- Total dissolved solids

110 mg/L to 5 000 mg/L

dried at 180 °C

Test Item /

Address : 99 Moo 8, Tambon Huayhin, Amphoe Chai Badan,

Changwat Lop Buri 15130

: **☑** Permanent

Accreditation Number : Testing - 0091

Test Material /

Laboratory Status

Item

Product Number Range of Testing Technique Used 2 Standard Methods for the Examination Wastewater Hq -4.0 to 9.0 of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-H⁺ B - Total suspended solids Standard Methods for the Examination dried from 103 °C to 105 °C of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, 20 mg/L to 2 000 mg/L part 2540 D

Initial Issue Date 18th September 2012

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Standard Methods for the Examination

of Water and Wastewater, APHA,

AWWA & WEF, 24th ed., 2023,

part 2540 C

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Scope of Laboratory Accreditation

☐ Temporary

☐ Mobile

part 2540 D

Laboratory Name : The laboratory of Saha Farms Co., Ltd. (Lopburi) Section water quality testing

☐ Site

Address : 99 Moo 8, Tambon Huayhin, Amphoe Chai Badan,

Changwat Lop Buri 15130

: **☑** Permanent

Accreditation Number : Testing - 0091

Laboratory Status

Test Material / Test Item / Test Method / Item Product Number Range of Testing Technique Used 2 Wastewater - COD Standard Methods for the Examination (cont.) 60 mg/L to 2 500 mg/L of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5220 C 3 Effluent water Standard Methods for the Examination - pH 4.0 to 9.0 of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-H⁺ B Standard Methods for the Examination - Total suspended solids dried from 103 °C to 105 °C of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, 20 mg/L to 2 000 mg/L

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☐ Mobile

Scope of Laboratory Accreditation

: The laboratory of Saha Farms Co., Ltd. (Lopburi) Section water quality testing Laboratory Name

☐ Site

Address : 99 Moo 8, Tambon Huayhin, Amphoe Chai Badan,

Changwat Lop Buri 15130

: **☑** Permanent

Accreditation Number : Testing - 0091

☐ Temporary **Laboratory Status** Test Material / Test Item / Test Method / Item Product Number Range of Testing Technique Used 3 Effluent water - Total dissolved solids Standard Methods for the Examination (cont.) dried at 180 °C of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, 110 mg/L to 5 000 mg/L part 2540 C - COD Standard Methods for the Examination 60 mg/L to 380 mg/L of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5220 C

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