



## About us

### The Central Instrument Facility (CIF)

Faculty of Science, Mahidol University was founded since 1992, providing instrumental and purified water services for research and teaching of the Faculty. CIF also offers R&D related services.

#### Scope of services:

- 1) Scientific instrument services
- 2) Analytical services for R&D works
- 3) Method development
- 4) Training for instrumental analysis
- 5) Purified water for laboratory work

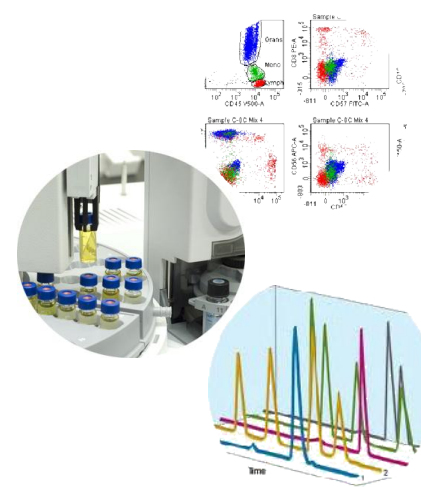
Service Hours  
Monday – Friday: 9.00-17.00 hr.  
Close on Saturday, Sunday and National Holiday  
Lunch Time: 12.00-13.00 hr.

#### Please contact us

Central Instrument Facility  
Faculty of Science, Mahidol University

Chaloemprakiet Building, 6th Floor, Room K629,  
272 Rama VI Road, Phayathai, Ratchathewi,  
Bangkok, 10400 Thailand

## Analytical Services



Central Instrument Facility

Tel: 02-201-5970, 02-201-5973  
Fax: 02-201-5972

Email: [sccif@mahidol.ac.th](mailto:sccif@mahidol.ac.th)  
<http://science.mahidol.ac.th/scrc/cif>



# CIF Analytical Services



## Easy step for our services

1. Contact CIF
2. Customers submit Sample Receiving Form with sample
3. Staff register the sample and send to Laboratory
4. Analyze and determine the sample
5. Verify, report the results and then inform customer within 15 - 30 office days
6. Customer pay and retrieve reports



## Chromatography

Items	Method	Service fee (baht/sample)
<b>1. Amino Acid analysis</b>		
-Total amino acid (with acid hydrolysis) : 15 amino acid	In house method / HPLC	5,000
- Free amino acid (without acid hydrolysis) : 17 amino acid	In house method / HPLC	5,000
<b>2. GC Analysis</b>		
-GC-MS profile	GC-MS	Start at 2,500
-SPME GC-MS profile	SPME GC-MS	Start at 3,000
-GC-FID	GC-FID	Start at 1,500
<b>3. HPLC Analysis</b>		
Tailor-made analytical services	HPLC-PDA-UV-RI-Fluorescence	Please contact us
<b>4. LC-MS/MS Analysis</b>		
	LC-MS	Start at 2,000

## Flow cytometer

- ♣ Cell analysis start at 300 baht/sample
- ♣ Cell sorting start at 1,200 baht/hour

## Thiobarbituric acid reactive substances (TBARS) analysis

- ♣ TBARS in milk powder (colorimetric method)  
start at 1,800 baht

## Sample preparation

- ♣ Freeze dry start at 3,000 baht

