



Analytical Services Pricelist

Important note: Discount of 5% will be offered for customer when service cost has over \$3,000 USD.

5. MICROBIAL QUALITY

Analysis	Methods	Test duration (days)	Service cost (\$USD)
5.1 Microbiological safety			
Aerobic plate count	FDA BAM online, 2001 chapter 3	10	16
Anaerobic plate count	FDA BAM online, 2001 chapter 3	10	16
APC – membrane filtration technique		10	16
Coliforms – membrane filtration technique	FDA BAM online, 2002 (chapter 4)	10	18
Yeast and molds	BAM online, 2001 chapter 18	15	20
Coliforms	FDA BAM online, 2002 (chapter 4)	10	16
MPN Coliforms	FDA BAM online, 2002 (chapter 4)	10	16
<i>Escherichia coli</i>	FDA BAM online, 2002 (chapter 4)	15	20
MPN <i>Escherichia coli</i>	FDA BAM online, 2002 (chapter 4)	15	20
<i>Salmonella</i> spp.	ISO 6579:2002	15	24
<i>Clostridium perfringens</i>	BAM online, 2001 chapter 16	15	24
<i>Clostridium perfringens</i> (count the number)	BAM online, 2001 chapter 16	15	48
<i>Staphylococcus aureus</i>	BAM online, 2001 chapter 12	15	28
<i>Staphylococcus aureus</i> (count the number)	BAM online, 2001 chapter 12	15	56
<i>Bacillus cereus</i>	BAM online, 2012 chapter 14	15	24
<i>Bacillus cereus</i> (count the number)	BAM online, 2012 chapter 14	15	48
Lactic acid bacteria	ISO 15214:1998 มอก 2239-2548	10	16
<i>Listeria monocytogenes</i>	ISO 11290-1	15	40
Incubation test	BAM	10	16
5.2 Canned foods			
Low acid canned foods:			
- water activity > 0.85	BAM	30	52
- water activity < 0.85			
Aerobic plate count	FDA BAM online, 2001 chapter 3		16
Yeast and molds	BAM online, 2001 chapter 18		20
Coliforms – MPN technique	FDA BAM online, 2002 (chapter 4)		16
Salmonella	ISO 6579:2002		24
Staphylococcus aureus	BAM online, 2001 chapter 12		28
High acid canned foods:			
- Acid / Acidified canned foods	BAM online, 2001 chapter 21A	30	24
- Acid / Acidified canned foods – In positive case			
Aerobic plate count	FDA BAM online, 2001 chapter 3		16
Yeast and molds	BAM online, 2001 chapter 18		20
Coliforms – MPN technique	FDA BAM online, 2002 (chapter 4)		16
Salmonella	ISO 6579:2002		24
Staphylococcus aureus	BAM online, 2001 chapter 12		28



INSTITUTE OF NUTRITION, MAHIDOL UNIVERSITY

BAM: Bacteriological Analytical Manual, AOAC International

ISO6579: Microbiology of food and animal feeding stuffs-Horizontal Method for Detection of Salmonella spp. Current

ISO11290-1: Microbiology of food and animal feeding stuffs-Horizontal Method for the detection and enumeration of Listeria monocytogenes- Part 1:Detection Method current

Note: - This pricelist can be changed without prior notification.

- Fees of shipping and transfer payment are not included in this analytical service.

Institute of Nutrition, Mahidol University at Salaya

Putthamonthon IV Rd., Nakhon Pathom 73170, Thailand.

Tel. +662 441 9346, +662 800 2380 ext. 406, 418. Fax. +662 441 9344

E-mail: wimolrat.mee@mahidol.ac.th, vaewmanee.cha@mahidol.ac.th, Sujinthra.Som@mahidol.ac.th

Head of Technical survive unit: Assoc. Prof. Aikkarach Kettawan

E-mail: aikkarach.ket@mahidol.ac.th

Quality manager of ISO 17025: Assoc.Prof. Kunchit Judprasong

E-mail: kunchit.jud@mahidol.ac.th

จัดทำ: วิมลรัตน์ มีทวี	ทบทวน: ศุจินทรา สมประชา	อนุมัติ: ครรชิต จุตประสงค์	วันที่ออกใช้: 3 พฤษภาคม 2567
------------------------	-------------------------	----------------------------	------------------------------