

Name : Industrial Metrology and Testing Service Centre,
Thailand Institute of Scientific and Technological Research

Address : 668 Moo 2 Soi 1C, Bangpoo Industrial Estate, Sukhumvit road,
Tambon Bangpoomai, Amphoe Mueang, Changwat Sumutprakan 10280

Accreditation Number : PTP - 0021

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Scope of Proficiency Testing Provider Accreditation

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Accreditation Number : PTP - 0021

Item Number	Proficiency Testing Programmes	Measurand (s)	PT Item	Frequency
1	Calibration of Liquid bath	- Temperature 0 °C to 44.5 °C	Liquid bath	1 round / 3 years
2	Calibration of Autoclave	- Temperature 121 °C	Autoclave	1 round / 3 years
3	Calibration of Digital thermometer with PRT sensor	- Temperature -80 °C to 400 °C	Digital thermometer with PRT sensor	1 round / 3 years
4	Calibration of Digital thermometer with RTD sensor	- Temperature -10 °C to 100 °C	Digital thermometer with RTD sensor	1 round / 3 years

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Issue Number 4

Bureau of Laboratory Accreditation, Department of Science Service, Ministry of Higher Education, Science, Research and Innovation

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Item Number	Proficiency Testing Programmes	Measurand (s)	PT Item	Frequency
5	Calibration of Clamp meter	- DC Current 0 A to 1 000 A - AC Current 0 A to 1 000 A @50 Hz	DC and AC Clamp meter	1 round / 3 years
6	Chemical analysis - Preservative (mg/kg) in liquid Seasonings	- Benzoic acid - Sorbic acid - Methyl paraben - n-Butyl paraben - Propyl paraben	Liquid seasoning	1 round / 3 years
7	Calibration of Platinum resistance thermometer sensor	- Temperature - 38 °C to 200 °C	Platinum resistance thermometer sensor	1 round / 3 years

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Item Number	Proficiency Testing Programmes	Measurand (s)	PT Item	Frequency
8	Calibration of High voltage generator	- DC High voltage 0.5 kV to 6.0 kV - AC High voltage 0.5 kV to 5.0 kV @50 Hz	DC and AC High voltage generator	1 round / 3 years
9	Calibration of Pressure gauge	- Gauge pressure -94 kPa to 0 kPa	Pressure gauge (Pressure medium : N ₂ ,air)	1 round / 3 years
10	Calibration of Pressure gauge	- Gauge pressure 0 kPa to 1 MPa	Pressure gauge (Pressure medium : N ₂ ,air)	1 round / 3 years
11	Calibration of Pressure gauge	- Gauge pressure 0 MPa to 10 MPa	Pressure gauge (Pressure medium : Oil)	1 round / 3 years

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