

Limitless Possibilities
Providing Excellent,
Quality Service.

ADMATEL houses three (3) 100K cleanroom laboratories: the Surface Analysis Laboratory, Thermal Analysis Laboratory, and the Chemical and Metallurgical Laboratory — all following the industry standard requirements for cleanroom temperature, humidity and ESD safety compliance.

CHOOSE ADMATEL

- Affordable Price ✓
- Quality Results ✓
- 24-Hour Turn-around Time ✓

GET FREE CONSULTATION!

Plus 20% Discount for Students!



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www.admatel.com



DOST Compound, General Santos Ave.,
Bicutan, Taguig City



@admatelofficial



NEXT LEVEL ADMATEL

Experience our Next Level Solutions for Failure Analysis and Materials Testing.



YOUR PARTNER LABORATORY.

ADMATEL is a DOST national testing laboratory equipped with state-of-the-art analytical equipment for advanced Failure Analysis and Materials Characterization. We are committed to respond to the needs of the industry by 1) Improving product quality and productivity, 2) Increasing number of products and innovative technologies, 3) Increasing number of R&D and S&T services; and 4) Developing capability on new and advanced technologies.



JOIN OUR VIRTUAL LABORATORY TOUR!

ADMATEL IS A PROJECT OF:



Department of Science & Technology (DOST)
Philippine Council for Industry, Energy and
Emerging Technology Research and Development (PCIEERD)
Industrial Technology Development Institute (ITDI)

IMAGING ANALYSIS

Using cutting-edge technology to obtain higher magnifications of the sample image capturing precise visuals and measurements down to the nanometer scale.



SURFACE ANALYSIS

We perform analytical tests focusing on the outermost layer of solid materials to determine elemental, molecular, and chemical state of the surface.



COMPOSITIONAL ANALYSIS

We provide accurate identification of sample makeup or chemical composition, be it in bulk or small in quantity.



THERMAL ANALYSIS

We help determine the thermal property and behavior of materials as it is being heated.



SAMPLE PREPARATION

We assist by utilizing industry methods for chemical preparation, precision slicing or cutting, decapsulation, and others.



3D X-RAY ANALYSIS

We conduct non-destructive inspection by using computed tomography to view the desired internal structures of the specimen through high-resolution 3D images.



OUR SERVICES

	REGULAR	STUDENT
FIB-SEM		
FESEM Imaging	₱7,500	₱6,000
FESEM Imaging with EDX Point Analysis	₱9,500	₱7,600
FESEM Imaging with EDX Line Analysis	₱11,500	₱9,200
FESEM Imaging with EDX Mapping	₱13,500	₱10,800
FIB Sectioning (30µm W x 30µm H um cut) w/ FESEM Imaging	₱14,000	₱11,200
TEM Lamella Preparation	₱19,000	₱15,200
STEM Imaging	₱12,000	₱9,600
FIB Pattern Deposition with FESEM Imaging	₱14,500	₱11,600
AES		
AES Point Analysis	₱9,700	₱7,760
AES Line Analysis	₱11,900	₱9,520
AES Mapping	₱16,000	₱12,800
AES Depth Profiling	₱23,500	₱18,800
AES Chemical State Analysis (add-on)	₱1,500	₱1,200
TOFSIMS		
TOFSIMS Spectroscopy	₱13,300	₱10,640
TOFSIMS Mapping	₱16,400	₱13,120
TOFSIMS Depth Profiling	₱24,000	₱19,200
TOFSIMS 3D Mapping	₱26,600	₱21,280
FTIR		
FTIR Spectroscopy	₱5,000	₱4,000
FTIR Spectroscopy (no ID)	₱3,500	₱2,800
FTIR Microspectroscopy	₱6,500	₱5,200
FTIR Microspectroscopy (no ID)	₱5,000	₱4,000
Thermal Analysis		
Differential Scanning Calorimetry	₱3,000	₱2,400
Thermogravimetric -Differential Thermal Analysis (STA)	₱3,000	₱2,400
Thermomechanical Analysis	₱3,200	₱2,560
TG-IR	₱8,300	₱6,640
Sample Preparation		
Mechanical Preparation (Cross Sectioning)	₱3,800	₱3,040
Ion Milling	₱4,500	₱3,600
Chemical Decapsulation	₱3,000	₱2,400
Sputter Coating	₱2,000	₱1,600
Laser Decapsulation	₱4,200	₱3,300
Laser Decapsulation with 2D X-Ray	₱6,800	₱5,400
Precision Cutting (per cut)	₱200	₱160
Optical Microscopy		
Visual Inspection	₱2,000	₱1,600
Visual Measurement	₱2,000	₱1,600
Particle Size Analysis add-on	₱1,500	₱1,200
Non-destructive Testing		
3D CT X-Ray Single Scan	₱17,400	₱13,900
3D CT X-Ray Bulk Price add-on	₱8,800	₱7,000
3D CT X-Ray Additional Scan add-on	₱9,550	₱7,600
3D CT X-Ray Analysis add-on	₱2,600	₱2,000
3D CT X-Ray Reference Comparison add-on	₱2,750	₱2,200
2D X-Ray Single Scan/Qualification Scan	₱5,800	₱4,600
2D X-Ray Bulk Scan with Analysis(Subsequent)	₱4,800	₱3,800
2D X-Ray Scan Only(Consequent)	₱3,200	₱2,600
Hand-Held XRF Analysis	₱2,200	₱1,800