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About Services

We deliver accurate, detailed analyses to support your research and industry needs using the Phenom XL SEM with integrated EDX for elemental detection.

Services:

- Surface Morphology
- Elemental Analysis

Contact Us



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Dr. James Salveo Olarve
Laboratory Coordinator

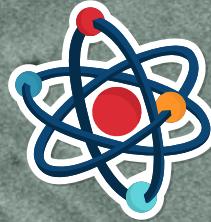


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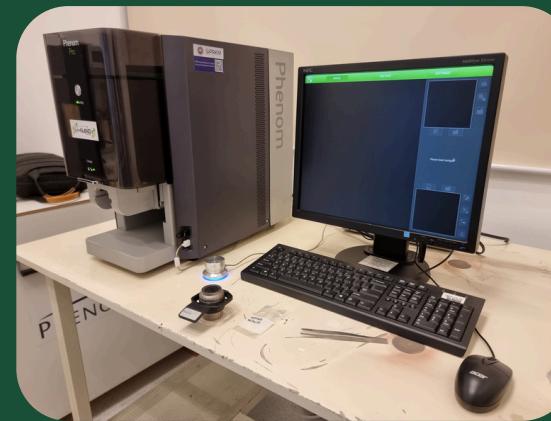
iNano Research Facility, De La Salle University Manila



Elemental Weight Concentration		
O	Oxygen	40.99 %
Si	Silicon	18.97 %
C	Carbon	10.45 %
Fe	Iron	8.63 %
Al	Aluminum	6.03 %
Ca	Calcium	3.42 %
N	Nitrogen	2.93 %
Na	Sodium	2.32 %
S	Sulfur	1.99 %
Mg	Magnesium	1.57 %
K	Potassium	1.48 %
Cl	Chlorine	1.23 %



Welcome to the i-Nano Research Facility, proudly housed at De La Salle University Manila. We are dedicated to delivering accurate and comprehensive results for your research and industry needs. Let us help you uncover the details that matter. We are using Phenom XL Scanning Electron Microscope (SEM) with added Energy Dispersive X-ray (EDX) functionality. They are advanced laboratory equipment designed for high-resolution imaging and elemental analysis. The result enables researchers to provide valuable information of the sample regarding its composition, structure, and elemental composition.



Model	Phenom Pro & XL
Manufacturer	Thermo Fisher Scientific
Type	Benchtop SEM with EDX analysis
Magnification	Up to 100,000x
Sample Chamber	Can accommodate multiple samples
Applications	Material Science, Life Sciences, Electronics, Quality Control

Why choose our SEM-EDX services?



Affordable Rates

High-Quality Analyses at Student- and Researcher-Friendly Rates.



Hassle-Free Requests

Simple and straightforward process to submit samples.



Comprehensive SEM Imaging

Receive 12 high-resolution SEM images per sample, showcasing 3 different spots at varying magnifications.



Precise EDX Analysis

Includes 3 detailed EDX analyses from 3 different spots for elemental composition.



Certified Results

Official certification provided with every analysis



Quick Turnaround

Experience fast responses and rapid delivery of results.