



A MicroEnterprise of MIT
MIT Center for Analytical Research and Studies
एम.आय.टी. विश्लेषणात्मक अनुसंधान एवं अध्ययन केन्द्र

AGRICULTURE | ENVIRONMENT | FOOD | PESTICIDES | FERTILIZER | POLYMER | PHARMA | BIO TECHNOLOGY

TESTING SERVICES OF PHARMACEUTICAL SAMPLE ANALYSIS

Sr.No.	Sample type	Description of job
1.	Reaction mass, Raw material, Intermediates, Finished products	Instrument - HPLC: Make: Shimadzu Model: Prominence Detector: a. Diode array, b. Florescence c. Refractive index Software: Lab solutions Version 6.50 Application ✓ Identification test. ✓ Chromatographic purity by HPLC. ✓ Assay by HPLC
2.	Reaction mass, Raw material, Intermediates, Finished products	Instrument - GCMS Make: Shimadzu Model: GC2010 Plus Detector: ➤ GCMS-QP2020 ➤ FID Software: Lab solutions and GCMS solution Version 4.41 Application ✓ Identification test. ✓ Chromatographic purity by GC. ✓ Component mass detection. ✓ Headspace analysis of residual solvents.
3.	Reaction mass, Raw material, Intermediates, Finished products	Instrument - UV spectrophotometer Make: Thermo Scientific Model: Evolution 201 Software: Insight 2 Application ✓ Qualitative analysis. ✓ Quantitative analysis.
4.	Reaction mass, Raw material, Intermediates, Finished products	Instrument - ICPOES Make: PerkinElmer Model: Optima 8000 Software: Syngistix for ICP Version 1.0 Microwave sample preparation system Titan MPS Application ✓ Trace metal analysis.



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TESTING SERVICES OF PHARMACEUTICLE SAMPLE ANALYSIS

Sr.No.	Sample type	Description of job
5.	Reaction mass, Raw material, Intermediates, Finished products	Instrument - FTIR Make: Shimadzu Model: IRAffinity-1S Software: Lab Solution IR Application ✓ Identification test.
6.	Reaction mass, Raw material, Intermediates, Finished products	Instrument - Differential scanning calorimeter Make: Shimadzu Model: DSC-60 Plus Software: TA-60 Application ✓ Thermal characterization of materials.
7.	Reaction mass, Raw material, Intermediates, Finished products	Instrument - Thermo gravimetric analyzer Make: Shimadzu Model: TGA-50 Software: TA-60 Application ✓ Thermal stability study of the material.



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