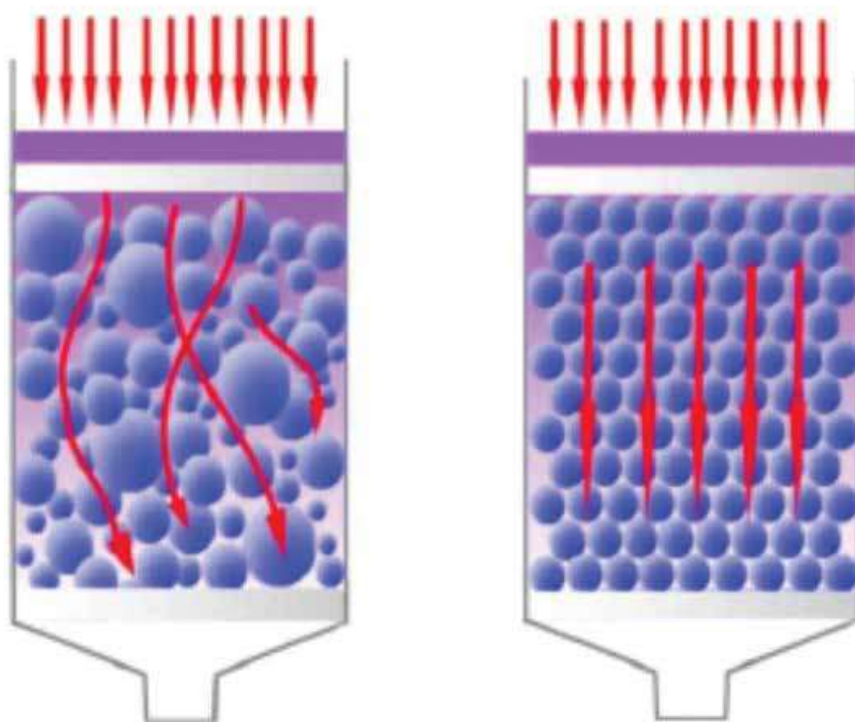


SPE CARTRIDGE



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

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►► WHY CHOOSE ATL SPE

ATL SPE cartridges are developed using monodisperse SPE sorbents, which has impacted the current SPE market traditionally relied on sorbent particles of broad size distribution or irregular shape.

In the past, monodisperse sorbents are only used in high-end chromatographic columns. The first generation silica sorbents are irregular in shape and the second generation spherical polymer particles are broad in size distribution.

The new generation ATL SPE sorbents are spherical with a uniform particle size. They also have a high surface area and high density of functional groups on the particle surface.

ATL SPE is taking the lead in advancing the SPE technology. Using the latest techniques in micro particle preparation and surface modification, a series of highly efficient sorbents have been developed.

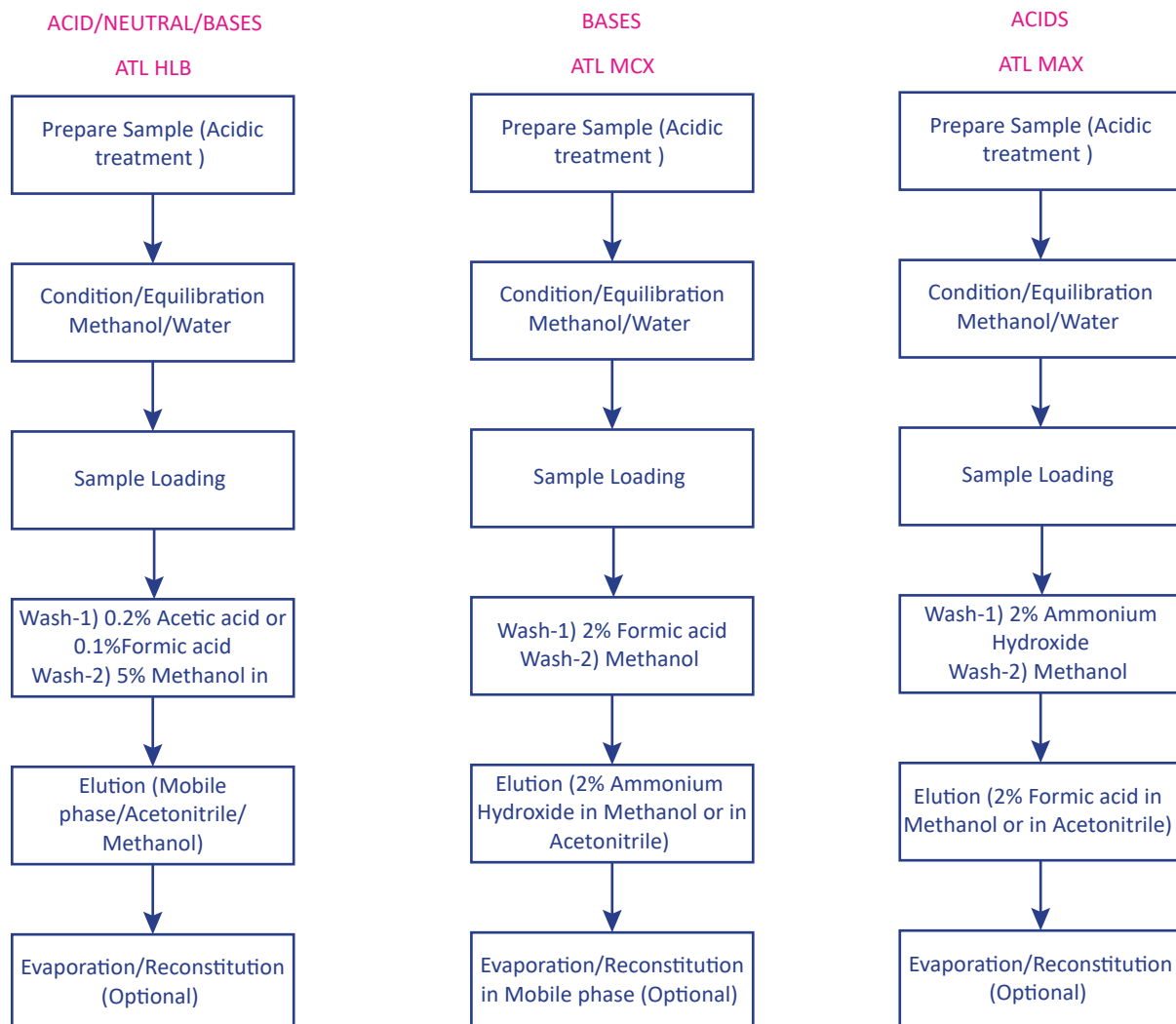
ATL SPE sorbents have accurate particle sizes, narrow size distribution, large surface area, very high chemical stability, broad application pH range, optimized pore size, and uniform surface functional groups. These sorbents therefore readily satisfy the need for high sensitivity in analyzing different drugs and chemicals.

ATL SPE's unique particle technology not only ensures the consistency of the sorbents size and internal pore structure, but also brings about high recovery and good reproducibility for specific adsorption.

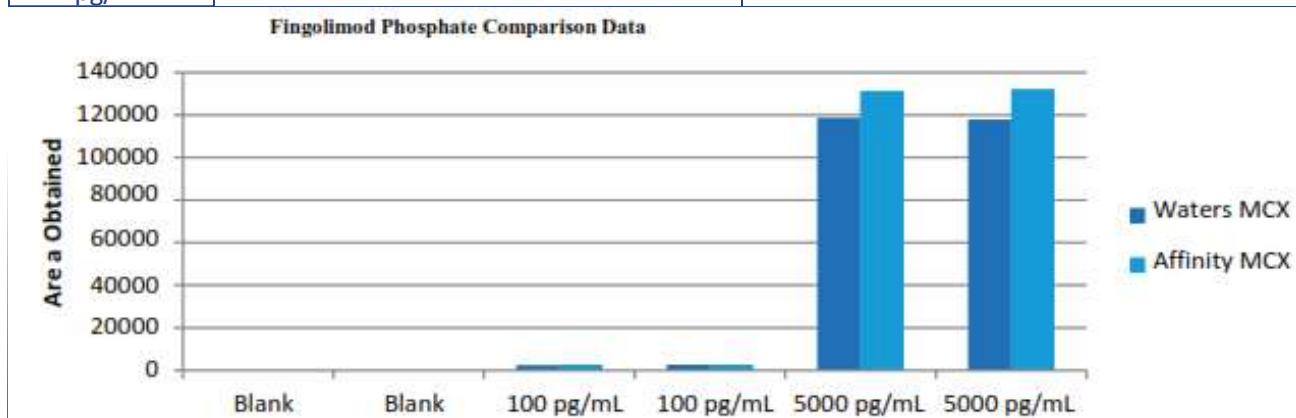
The monodisperse particles provide benefits of even flow characteristics of the solvents and samples moving through the column.

►► ATL: GENERIC METHODOLOGY

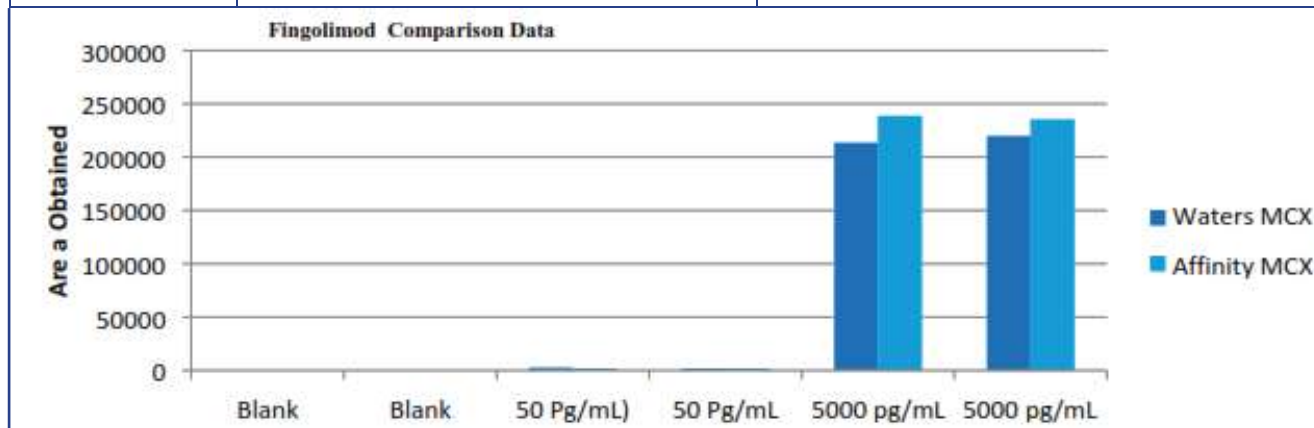
Generic SPE protocol is recommended when working with wide range of acidic, basic and neutral compounds it is recommended. The goal is to remove un-retained matrix (i.e. salts, lipids, proteins) from samples allowing reproducible extraction of the acidic, basis and neutral compound of interest. For basic compounds, the ATL mixed mode MCX generic method is recommended. Goal is to removed un-retained matrix I the reverse phase mode, then remove retained non-basic interference in the ion exchange mode. Same mixed mode approach for acidic compounds is recommended with ATL MAX generic method.



Application data on “Fingolimod Phosphate” in whole blood samples		
Standard	Area (Oasis, 30 mg, 1 CC, MCX)	Area (ATL, 25 mg, 1 CC, MCX)
Blank	0	0
Blank	0	0
100 pg/mL	2365	2469
100 pg/mL	2365	2464
5000 pg/mL	118614	131249
5000 pg/mL	117939	132254



Application data on "Fingolimod" in whole blood samples		
Standard	Area (Oasis, 30 mg, 1 CC, MCX)	Area (ATL, 25 mg, 1 CC, MCX)
Blank	0	
Blank	0	0
50 pg/mL)	2395	0
50 pg/mL	2395	1998
5000 pg/mL	213439	2120
5000 pg/mL	219670	238729



HPLC Servicing, Validation, Trainings and Preventive Maintenance :

HPLC Servicing :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

Trainings :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.

AMC's/CMC :AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-shooting.

Validations :Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.

Instruments :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



About Analytical Technologies

Analytical Technologies is synonymous for offering technologies for doing analysis and is the Fastest Growing Global Brand having presence in at least 96 countries across the global. Analytical Technologies Limited is an ISO:9001 Certified Company engaged in Designing, Manufacturing, Marketing & providing Services for the Analytical, Chromatography, Spectroscopy, Bio Technology, Bio Medical, Clinical Diagnostics, Material Science & General Laboratory Instrumentation. Analytical Technologies, India has across the Country operations with at least 4 Regional Offices, 6 Branch Offices & Service Centers. Distributors & Channel partners worldwide.

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Chromatograph
3007



Optima Gas
Chromatograph
2979 Plus



Flash
Chromatograph



Atomic Absorption
Spectrophotometer



Liquid Particle
Counter



Optical Emission
Spectrophotometer



DSC/TGA



Semi Auto Bio
Chemistry Analyzer



HEMA 2062
Hematology
Analyzer



Micro Plate
Reader/Washer



URINOVA 2800
Urine Analyzer



Total Organic
Carbon 3800



Fully Automated
CLIA



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RTPCR



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Analyzer



Laser Particle
Size Analyzer



Ion Chromatograph



Water purification
system

Regulatory compliances



Corporate Social Responsibility

Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



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2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.



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