Ultrasphere®

Columns will not be manufactured by Beckman Coulter® from January 1, 2010.

You asked for alternatives. We listened...



two great solutions.







Solution 1:

Direct Replacement: Ultremex

Ultremex™ closely mimics the performance of Ultrasphere®

Highly Reproducible

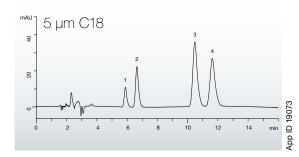
Long Column Life Fully Guaranteed*

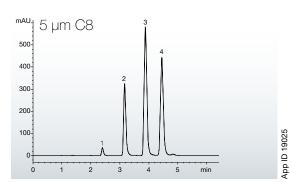
Compare Selectivity

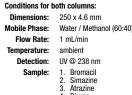
Compare physical and chemical specifications:

	Phase	Carbon Load	Pore Size	pH Range	Endcapped	Surface Area
Ultrasphere	C18	12 %	80 Å	2.5 to 7.5	yes	190 m²/g
Ultremex	C18	13 %	80 Å	2.5 to 7.5	yes	200 m²/g

Ultrasphere®



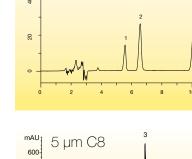




Dimensions: 150 x 4.6 mm

Flow Rate: 1 mL/min Temperature: 30 °C Detection: UV @ 210 nm

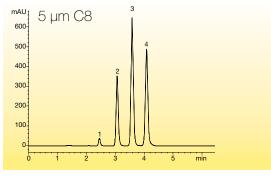
Mobile Phase: Acetonitrile / Water (65:35)



Phenomenex®

5 µm C18

Ultremex



Comparative separations may not be representative of all applications.



If Ultremex does not provide you with equivalent separation to an Ultrasphere column of the same phase, particle size, and dimension, send in your comparative data within 45 days and

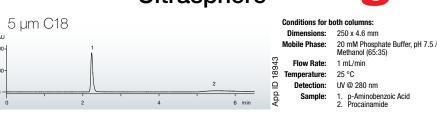
Solution 2:

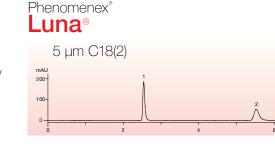
Recommended Alternative: Luna®

Very High Efficiencies **Excellent Peak Shape** Highly Reproducible Fully Guaranteed**

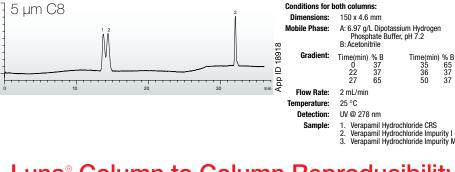
Compare Performance

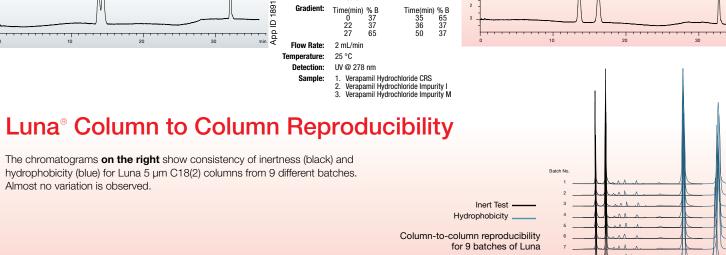






5 µm C8(2)





1 n-Aminohenzoic Acid

Comparative separations may not be representative of all applications.



If Luna does not provide you with at least equivalent size, and dimension, send in your comparative data within 45 days and keep the Luna column for FREE

Ordering Information on Page 4

Need Re-Validation Assistance? We offer FREE Support!

Phenomenex Chromatography Services

Method development, optimization, and re-validation services are available for your current Ultrasphere methods.

Simply give us a call, fill out a Project Data Sheet (PDS), and mail us your sample (and current method if applicable).*



For more information on these services or any of our service offerings, please call your local Technical Consultant, or visit us on the web at

www.phenomenex.com/info/phenodev

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