ACCTA, Inc.
Column Screening Request

Requesting Lab

Name:

Organization:

Contact Phone/Email:

Sample/Compound Information

Compound Name/CAS*:

Sample Matrix (if applicable):**

Solubility/Known Issues/Problems*:**

Detection wavelength:

Comments:

*Do not provide confidential information unless an NDA has been executed between your organization and ACCTA, Inc. Compounds should be provided in minimum quantities of 100 mg, or 1 mg/mL solutions (1 mL minimum). Include appropriate MSDS with all shipments.

** Provide general description. Shipments should include matrix blank (1 g minimum) and actual compound/matrix product where applicable.

*** Provide known information on solubility, stability, reactivity, and safety issues and problems.

ACCTA, Inc.
3534 Jessie Ct
Saint Paul, MN 55125

info@accta.com
651-485-4181

Column Screening Options

- In the following chart, indicate the desired combinations to be evaluated. Consider the following issues when making your choices:
  - If you have already tried some phases, select a column with different polarity/selectivity characteristics.
  - Choose at least two different C18 phases, if you know you have some retention on a C18 phase.
  - If you have little retention on C18, try the more polar phases.
  - Contact us for suggestions if you need advice.

Phases are listed in *approximate* order of decreasing hydrophobic retention.

Phase	Brand	Manufacturer	**Total Samples**	**ACN/Water**	**MeOH/Water**	**pH 3**	**pH 7**
C18	Extend C18	Agilent					
	XDB-C18	Agilent					
	Halo C18	AMT					
	C18	Phenomenex					
	BEH	Waters					
	SB-C18	Agilent					
	HPH C18	Agilent					
	XB-C18	Phenomenex					
	EVO C18	Phenomenex					
C8	C8	AMT					
Phenyl	Phenylhexyl	AMT					
Polar Embedded	RP Amide	AMT					
	Bonus RP	Agilent					
Cyano	ES CN	AMT					
Hilic	Pentahilic	AMT					

Technical Details

- The purpose of this screening is only to identify one or more suitable columns for use in final optimization. Additional optimization will probably be required.
- "Total Samples" means the number of different samples to be evaluated (e.g., compound, final product, and matrix blank each count as a separate sample).
- All samples will be screened using a full gradient on a high resolution 5 cm column. Appropriate isocratic conditions can be inferred from the gradient results, but some additional optimization will be necessary.
- Report will consist of chromatograms, column details, and mobile phase information.
- Additional information and recommendations are available at additional charge.

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Costs, Approvals, and Other Administrative Details

- PO required to confirm project. Please include along with this completed document.
- These results are provided "as is." ACCTA, Inc. makes no claim or warranty as to the suitability of the results or recommendations for a particular application or purpose.
- Completion times will be determined by laboratory availability and scheduling. Typical ranges are two to six weeks.
- Any cancellations after receipt of PO will incur the following mandatory charges:
    - Before initiation of laboratory setup: $0
    - After initiation of laboratory setup, prior to analysis: $500
    - After initiation of analysis: full billing.

Approval Signature:

Printed Name:

Approximate Project Costs

Description	Rate, $
System setup and configuration	$500
Column screening, per sample (standards and samples), duplicate injections of each	$75
Recommendation Report (contact us for details)	$250 - $500 (est.)

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