



ChiralTek Chiral Analysis Sample Submission Form



Customer and sample basic information				
Customer:		Tel:		
Contact name:		E-mail:		
Address:				
Service types and requirements				
Service type	Chiral column screening before purchasing chiral columns			
Column requirements	Immobilized chiral columns, or coated chiral columns			
Mobile phase condition	Normal phase, reverse phase, polar organic, non-traditional phase			
Compound				
Structural formula				
Major chiral groups				
Compound form:	Solid powder		Liquid	
Acidity/basicity :		Compound IUPAC name:		
Neutral, Acidic, Basic, Amphoteric		Common name:		
Number of chiral centers:		Number of isomers:	Residual solvent:	
Sample weight:		Chemical purity (>95%) :	Detection wavelength:	
Storage conditions:	Room temperature		Refrigerator	
Solubility				
Methanol	Good(>10mg/mL)	Fair (>1mg/mL)	Bad (<1mg/mL)	Insoluble
Ethanol	Good(>10mg/mL)	Fair (>1mg/mL)	Bad (<1mg/mL)	Insoluble
Isopropanol	Good(>10mg/mL)	Fair (>1mg/mL)	Bad (<1mg/mL)	Insoluble
Water	Good(>10mg/mL)	Fair (>1mg/mL)	Bad (<1mg/mL)	Insoluble
Water (with acid or alkali)	Good(>10mg/mL)	Fair (>1mg/mL)	Bad (<1mg/mL)	Insoluble
n-Hexane	Good(>10mg/mL)	Fair (>1mg/mL)	Bad (<1mg/mL)	Insoluble
Dichloromethane	Good(>10mg/mL)	Fair (>1mg/mL)	Bad (<1mg/mL)	Insoluble
Other solvents:	Good(>10mg/mL)	Fair (>1mg/mL)	Bad (<1mg/mL)	Insoluble
Sample stability				
Light	Stable	Unstable	Unclear	
Temperature (< 50°C)	Stable	Unstable	Unclear	
Acids (e.g. formic acid)	Stable	Unstable	Unclear	
Bases (e.g. diethylamine)	Stable	Unstable	Unclear	
Water	Stable	Unstable	Unclear	
Air	Stable	Unstable	Unclear	
Others	Stable	Unstable	Unclear	
Chromatographic separation information available for reference				
Complete separation column specs & mobile phase conditions	Resolution (RS) >1.5		Resolution (RS) < 1.5	
No separation column specs & tried mobile phase conditions				
Report method(similar)				
Sample receipt date:				
Remark				