Contract Purification

HPLC / SFC / CCC / SMB

Key Capabilities

State-of-the-art preparative chromatography instrumentation providing mg-kg scale separations

Batch systems:

- Two Prep LCs (2” or 4” ID columns)
- Two Prep LCs (up to 2 cm ID columns)
- One OHC4 Prep LC (up to 2 cm ID columns)
- One Prep SFC (up to 2 cm ID columns)
- Two CounterCurrent Chromatography (CCC)

Continuous system:

- One Micro Multi-Column Chromatography (1 cm ID columns)

Please provide detailed project scope using our assessment form on next page so we can provide quotes accordingly.
Purification Assessment Form

Contact information:
Primary contact ____________________________________________
Other contact ____________________________________________

Purification requirements:
☐ Chiral  ☐ Achiral  ☐ Large Molecule (e.g. Oligo)
Quantity ___________________________
Purity _______________ Recovery _______________
Expected delivered date _______________

Physical, Chemical and Chromatographic Information:
Compound name & structure (include electronic and/or hard copy)
MSDS Available ☐ Yes ☐ No
Hazardous category (OHC) _______________
Special handling requirements ☐ Yes ☐ No ☐ Unknown

Appearance: ☐ Powder  ☐ Crystal  ☐ Oil  ☐ Other
Color_______  Pk₃_______  UV ___________
Chemical purity ________

Stability:
Light ☐ Stable  ☐ Decomposes  ☐ Unknown
Moisture ☐ Stable  ☐ Decomposes  ☐ Unknown
Temp < 40°C ☐ Stable  ☐ Decomposes  ☐ Unknown

Acids:
Acetic Acid (< 1%) ☐ Stable  ☐ Decomposes  ☐ Unknown
TFA (< 1%) ☐ Stable  ☐ Decomposes  ☐ Unknown
Bases:
Triethylamine (< 1%) □Stable □Decomposes □Unknown
Diethylamine (< 1%) □Stable □Decomposes □Unknown

Storage Conditions: _______________________________________________________

Solubility:
Water □Soluble □Slightly □Decomposes □Unknown
Methanol □Soluble □Slightly □Decomposes □Unknown
Ethanol □Soluble □Slightly □Decomposes □Unknown
2-Propanol □Soluble □Slightly □Decomposes □Unknown
Hexane □Soluble □Slightly □Decomposes □Unknown
Ethyl Acetate □Soluble □Slightly □Decomposes □Unknown
CH₂Cl₂ □Soluble □Slightly □Decomposes □Unknown
Acetonitrile □Soluble □Slightly □Decomposes □Unknown

Chromatographic Conditions:
Column _________________________________
Mobile phase _________________________________
Flow rate _________________________________
Wavelength _________________________________

Instructions:
Please send the completed form so we can provide quotes accordingly. Thanks.
gwyani@pdr-separations.com