WelFlash™ Column

Product Information

Flash column is a quick and (usually) easy way to separate complex mixtures of compounds. It is widely applied to organic compounds, natural products, biomacromolecule and any other active substances.

Features of WelFlash

- Available for all kinds of packing materials: SiO_2, C18, Phenyl, CN, NH_2, Hilic, SAX, SCX, Alumina
- Column size: 4g, 12g, 25g, 40g, 120g, 220g and 330g
- Particle size: 20~40μm, 40~70μm
- Luer-lok™ import and Luer™ export
- Maximum pressure: 14bar
- Good compatibility with most of FPLC systems, such as Isco®, Biotage®, Armen®

Excellent Packing Technique

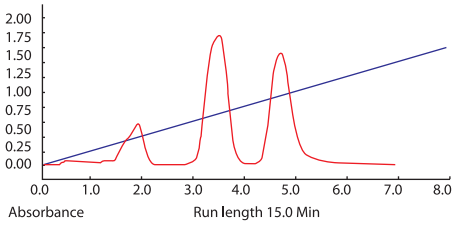


Fig.A: WelFlash Column(12g)

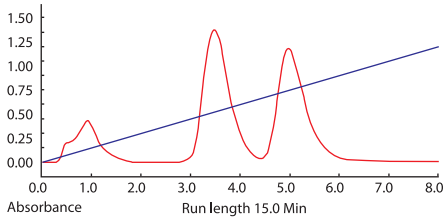
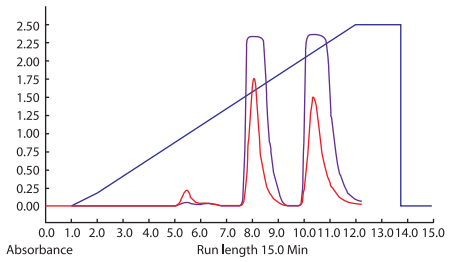


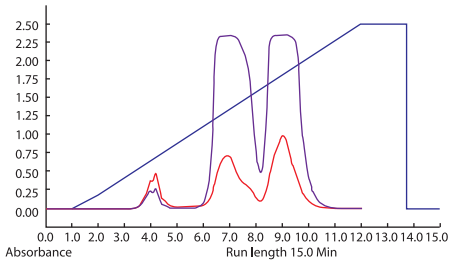
Fig.B: Flash Column(12g) of company S

Comparing WelFlash™ Column with S company's flash column at the same chromatographic conditions, one can find that WelFlash achieves baseline separation in shorter time.

Comparison of Spherical Silica and Amorphous Spherical Silica



WelFlash Column: 40g Spherical Silica (20-40μm)

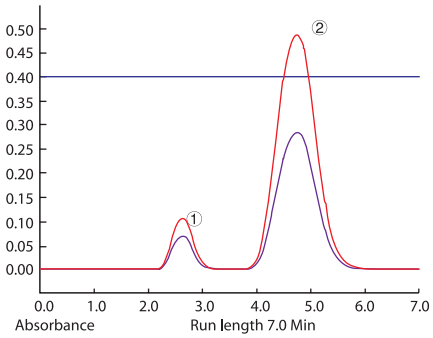


WelFlash Column: 40g Amorphous Silica (40-63μm)

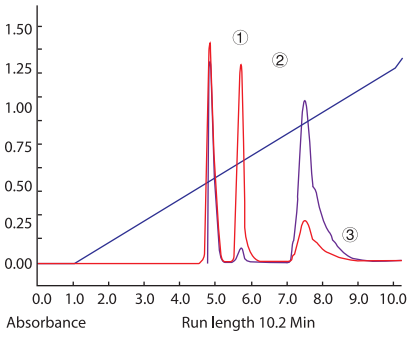
Under same conditions, 40g Spherical WelFlash column can get baseline separation in a short time, but amorphous WelFalsh cannot.

WelFlash™ Column

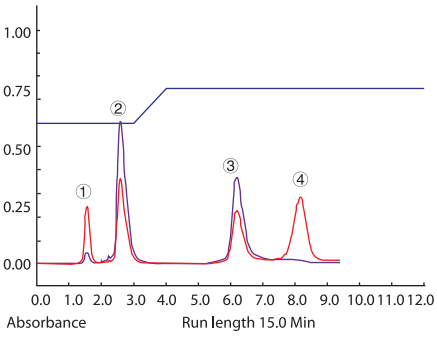
Applications



1.Acetophenone 2.Methoxyacetophenone



1.Acetophenone 2.Methyparaben
3.4-amimobenzoic acid



1.Uracil 2.Tecnazene
3.Phenol 4.Toluene

Ordering Information

Amorphous spherical silica based packing material

WelFlash™	4g, 20pk	12g, 18pk	25g, 12pk	40g, 10pk	80g, 10pk	120g, 10pk	220g, 6pk	330g, 4pk
SiO_2-II	00001-05011	00001-05021	00001-05031	00001-05042	00001-05053	00001-05063	00001-05075	00001-05084
C18-II	00002-05011	00002-05021	00002-05031	00002-05042	00002-05053	00002-05063	00002-05075	00002-05084

Amorphous spherical silica based packing material

20-40 μm								
WelFlash™	4g, 20pk	12g, 18pk	25g, 12pk	40g, 10pk	80g, 10pk	120g, 10pk	220g, 6pk	330g, 4pk
SiO_2	00001-03011	00001-03021	00001-03031	00001-03042	00001-03053	00001-03063	00001-03075	00001-03084
C18	00002-03011	00002-03021	00002-03031	00002-03042	00002-03053	00002-03063	00002-03075	00002-03084
Phenyl	00003-03011	00003-03021	00003-03031	00003-03042	00003-03053	00003-03063	00003-03075	00003-03084
CN	00004-03011	00004-03021	00004-03031	00004-03042	00004-03053	00004-03063	00004-03075	00004-03084
Diol	00014-03011	00014-03021	00014-03031	00014-03042	00014-03053	00014-03063	00014-03075	00014-03084
40-70 μm								
WelFlash™	4g, 20pk	12g, 18pk	25g, 12pk	40g, 10pk	80g, 10pk	120g, 10pk	220g, 6pk	330g, 4pk
SiO_2	00001-04011	00001-04021	00001-04031	00001-04042	00001-04053	00001-04063	00001-04075	00001-04084
C18	00002-04011	00002-04021	00002-04031	00002-04042	00002-04053	00002-04063	00002-04075	00002-04084

Inorganic absorption packing material(aluminium oxide)

WelFlash™	8g, 20pk	24g, 18pk	50g, 12pk	80g, 10pk	160g, 10pk	240g, 10pk	440g, 6pk	660g, 4pk
Alumina-N	00011-00011	00011-00021	00011-00031	00011-00042	00011-00053	00011-00063	00011-00075	00011-00084
Alumina-B	00010-00011	00010-00021	00010-00031	00010-00042	00010-00053	00010-00063	00010-00075	00010-00084
Alumina-A	00009-00011	00009-00021	00009-00031	00009-00042	00009-00053	00009-00063	00009-00075	00009-00084