

Name	HPX-87H	LiChrospher 100 RP-18
Mechanism	Ion Exclusion/Reversed Phase	Reversed Phase
Particle Size	9 um	5/10 um
pH Range	1 to 3	2 to 7.5
Matrix	Sulfonated divinyl benzene-styrene copolymer	Silica Beads
Moblie Phase Examples	Water / .005M Sulfuric Acid	Methanol & Water (70/30) Phosphoric Acid

HPX-87H Chemicals

Oxalic Acid
Citric acid
tartaric acid
malic acid
succinic acid
formic acid
acetic acid
Farah Mavandadi (2010)
galactose
mannose
glucose
ethanol
lactic acid
glycerol
Larsson (1998)
Phosphoric Acid
cis/trans-aconitic acid
J.D. Blake (2001)
Crotonic Acid
Karr (1983)

LiChrospher 100 RP-18 Chemicals

sulfadiazine
sulfadimidine
sulfamonomethoxine
sulfamethoxazole
sulfadimethoxine
Kunihiro Kishida (2001)
1-methylcyclohexanecarboxylic acid
cyclohexanepropanoic acid
trans-1,4-pentylcyclohexanecarboxylic acid
lauric acid
palmitic acid
cyclohexanebutanoic acid
stearic acid
5[beta]-cholanic acid
Clemente J.S. (2003)
2-Napthol
1-Naphtol
2,4-Dichlorophenol
2,4-Dinitrotoluene
2-Nitrotoluene
4-Nitrotoluene
2-Nitrotoluene
Chrombook 08-09 (Merck)

HPLC Selection Guide

<http://www.chem.agilent.com/en-US/Products/consumables/columns/lcandlc-ms/pages/gp17505.aspx>

Other Sources

Guidelines for Use and Care of Aminex Resin-Based Columns (Bio-Rad)

