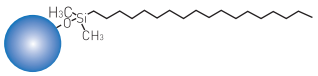
Ultisil™ Amino Acid HPLC Column

Ultisil™ Amino Acid HPLC columns are made from spherical, totally porous, and ultra-high purity (>99.999%) type B silica particles. Our proprietary surface modification before bonding generates a very smooth and uniform surface with less acidic surface silanol. Ultisil™ Amino Acid columns provide the best performance in peak shape, efficiency and resolution for the analysis of 18 amino acids. Complete sample preparation can be achieved in as little as 30 min.

Ultisil™ AA(Amino Acid)

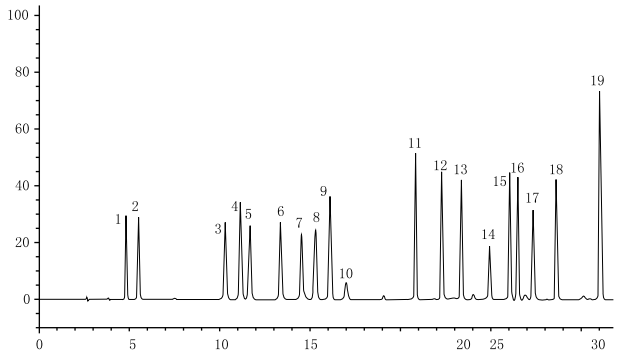
Structural Formula	
pH Range	1.5-10.0
Particle Size	5 µm
Surface Area(m^2/g)	320(120 Å)
Carbon Loading(%)	17(120 Å)
USP List	L1
Endcapped	Yes

Ultisil™ Amino Acid Method Package

Ultisil™ Amino Acid Method Package

- **Ultisil™ Amino Acid Column (5 µm, 4.6×250 mm), 1 pk**
- **Amino Acid Standards, 2 bottles. 1 mL/bottle**
- **Derivatization reagent A**
- **Derivatization reagent B**
- **Ultisil™ AA method brochure**

Separation of 18 Amino Acids



1. Aspartic Acid	2. Glutamic acid
3. Serine	4. Glycine
5. Histidine	6. Arginine
7. Threonine	8. Alanine
9. Proline	10. Ammonium chloride
11. Tyrosine	12. Valine
13. Methionine	14. Cystine
15. Isoleucine	16. Leucine
17. Norleucine	18. phenylalanine
19. Lysine	

Ordering Information

	P/N	Description
Ultisil™ Amino Acid Method Package (P/N 00840-01000)	00211-31043	Ultisil™ Amino Acid Column (4.6×250 mm, 5 µm), 1 pk
	00814-01027 (A)	Derivatization reagent A, 1 bottle, 10 mL/bottle
	00814-01027 (B)	Derivatization reagent B, 1 bottle, 10 mL/bottle
	00814-01030	Derivatization reagent diluent, 6 bottles, 20 mL/bottle
	00815-01001	Amino Acid Standards, 2 bottles. 1 mL/bottle
		Welch Ultisil™ AA method brochure

Don't see your needed size or format? Contact Welch or your local distributor for other dimensions.