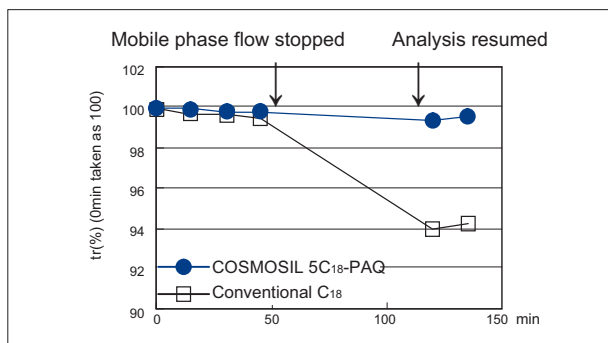


COSMOSIL C₁₈-PAQ

- Compatible with 100% water based mobile phase
- Suitable for hydrophilic compounds

Stable Performance

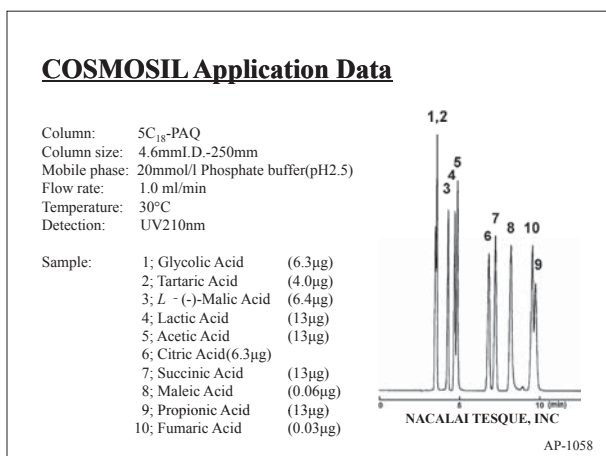
Stable performance under 100% aqueous conditions



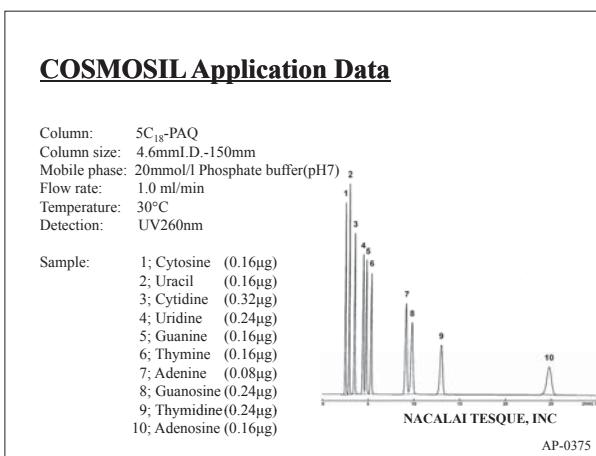
The figure shows the change of retention time for thymine with 100% aqueous mobile phase (20 mmol/l phosphate buffer pH7). The sample was analyzed 4 times (1 hour). Flow of mobile phase was then stopped for 1 hour. The sample was analyzed under the same condition again after 1 hour. The conventional C₁₈ column showed change of retention time, but COSMOSIL 5C₁₈-PAQ maintained stable retention time.

Applications

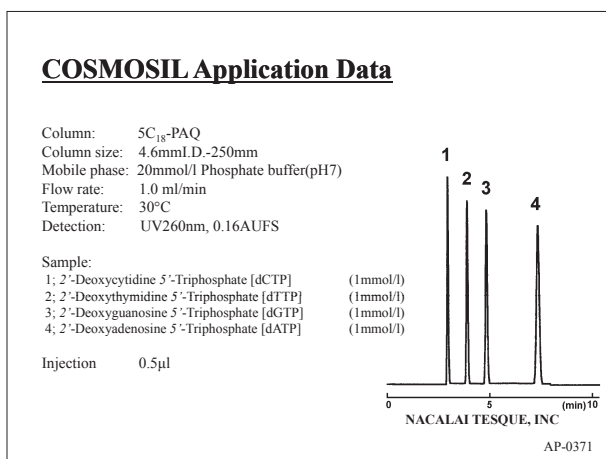
Organic Acids



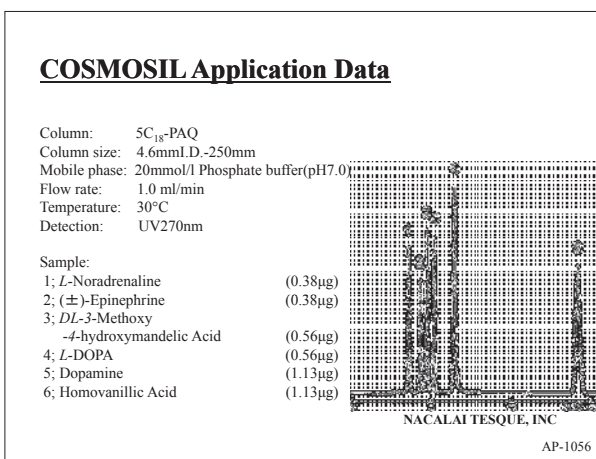
Nucleobases and Nucleosides



dNTP

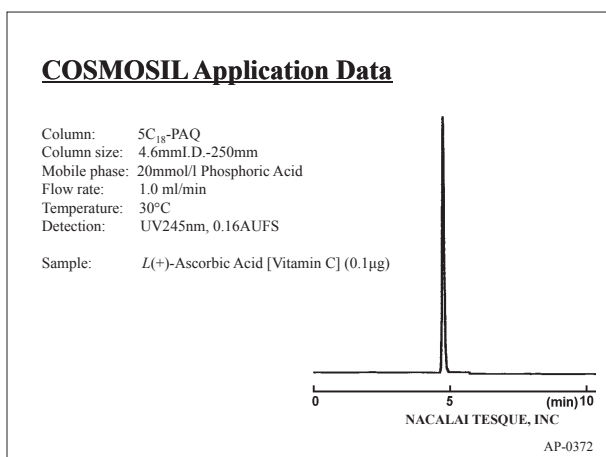


Catecholamines

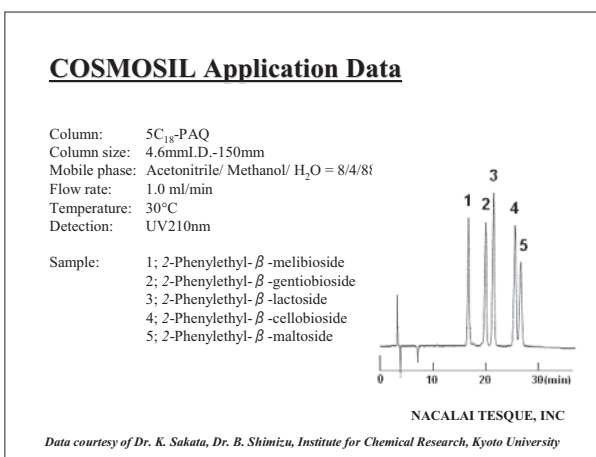


Applications

• Ascorbic Acid



• 2-Phenylethyl glycosides



Ordering Information

• Analytical / Preparative Column (Particle Size: 5 µm)

COSMOSIL 5C₁₈-PAQ Packed Column

Column Size I.D. x Length (mm)	Product Number	Column Size I.D. x Length (mm)	Product Number
1.0 x 50	05792-61	4.6 x 100	05799-91
1.0 x 150	05793-51	4.6 x 150	02486-71
2.0 x 30	05878-51	4.6 x 250	02485-81
2.0 x 50	05794-41	6.0 x 150	34419-61
2.0 x 100	05470-71	6.0 x 250	05800-41
2.0 x 150	34449-71	10 x 50	05801-31
2.0 x 250	05795-31	10 x 150	34466-41
3.0 x 100	05796-21	10 x 250	34376-21
3.0 x 150	05797-11	20 x 150	34476-11
3.0 x 250	05798-01	20 x 250	34373-51
4.6 x 30	05879-41	28 x 250	34456-71
4.6 x 50	34451-21		

COSMOSIL 5C₁₈-PAQ Guard Column

Column Size I.D. x Length (mm)	Product Number
4.6 x 10	02484-91
10 x 20	34457-61
20 x 20	05803-11
20 x 50	05804-01
28 x 50	34455-81

• Preparative Column (Particle Size: 15 µm)

COSMOSIL 15C₁₈-PAQ Packed Column

Column Size I.D. x Length (mm)	Product Number
28 x 250	05888-21
50 x 250	05890-71
50 x 500	05891-61

COSMOSIL 15C₁₈-PAQ Guard Column

Column Size I.D. x Length (mm)	Product Number
28 x 50	05887-31
50 x 50	05889-11

For 15C₁₈-PAQ, please refer to page 33.

For flow rate and equipment of semi-micro columns, or scale up to preparative columns, please refer to page 189.

For 5C₁₈-P, please refer to page 59.