

11. Soluble Carbon Nanotube Separation Columns

COSMOSIL CNT-300, CNT-1000, CNT-2000



- Size-based separation of soluble carbon nanotubes
- 3 pore sizes (300 Å, 1,000 Å, 2,000 Å)
- High durability

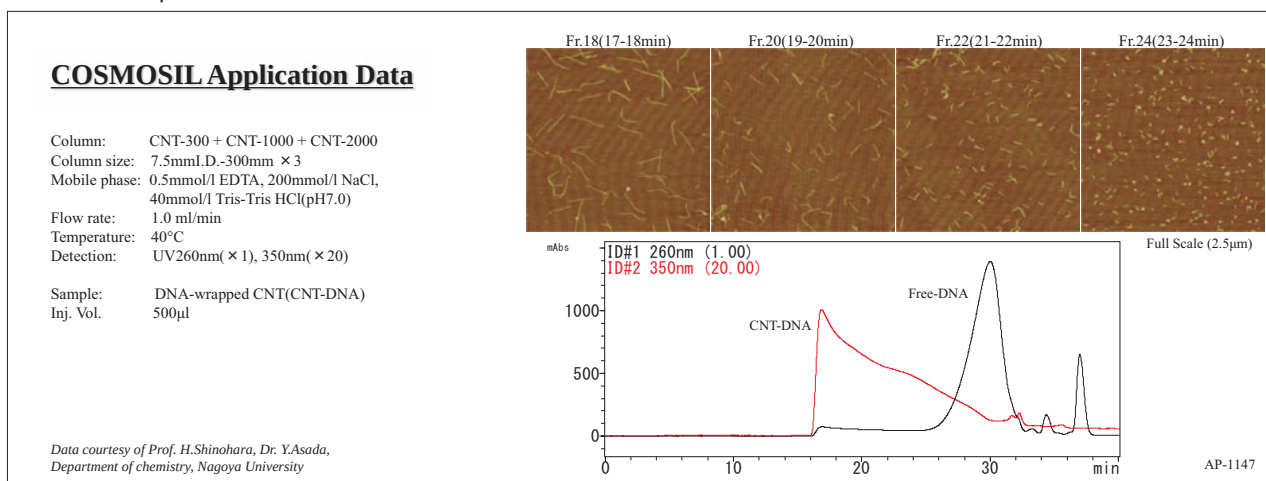
Specifications

Packing Material	CNT-300	CNT-1000	CNT-2000
Silica Gel	High purity porous spherical silica		
Average Particle Size	5 μm		
Average Pore Size	300 Å	1,000 Å	2,000 Å
Bonded Phase	Hydrophilic group (neutral)		
Usable pH Range	2 ~ 7.5		
Pressure	15 MPa and below		

Applications

- Carbon Nanotubes

COSMOSIL CNT columns offered improved separation for DNA-wrapped carbon nanotubes by connecting three columns with different pore sizes.



Ordering Information

- COSMOSIL CNT-300 Analytical Columns (Particle Size: 5 μm)

Packed Column

I.D. x Length (mm)	Product Number
7.5 × 300	09195-71

Guard Column

I.D. x Length (mm)	Product Number
7.5 × 50	09194-81

- COSMOSIL CNT-1000 Analytical Columns (Particle Size: 5 μm)

Packed Column

I.D. x Length (mm)	Product Number
7.5 × 300	09197-51

Guard Column

I.D. x Length (mm)	Product Number
7.5 × 50	09196-61

- COSMOSIL CNT-2000 Analytical Columns (Particle Size: 5 μm)

Packed Column

I.D. x Length (mm)	Product Number
7.5 × 300	09199-31

Guard Column

I.D. x Length (mm)	Product Number
7.5 × 50	09198-41