

# Tubing | Capillary electrophoresis

Precision tubing for performance

Capillary electrophoresis (CE) tubing is precision manufactured narrow-bore fused silica, with specific treatments available to separate both large and small molecules.



## Features and benefits

- Manufactured from precision bore tubing.
- Hydrophobic and hydrophilic surface treatments enabling use with proteins, peptides and enzymes.
- Wide pH range.
- Column-to-column reproducibility.

## Recommended applications

- Capillary electrophoresis (CE) electrokinetic separation methods including capillary zone electrophoresis (CZE), capillary gel electrophoresis (CGE), capillary isoelectric focusing (CIEF), capillary isotachopheresis and micellar electrokinetic chromatography (MEKC).
- Capillary electrophoresis mass spectrometry (CE-MS) and capillary electrophoresis surface enhanced raman spectroscopy (CE-SERS).
- Drug analysis and development.
- Protein characterization.
- Forensic analysis.
- DNA sequencing.

## Product specifications

- 30  $\mu\text{m}$ , 50  $\mu\text{m}$ , 75  $\mu\text{m}$  and 100  $\mu\text{m}$  ID.
- Untreated, ES2 treatment or ES20 treatment.

Treatment type	Phase	Polarity	pH range	Application
Untreated	Free silanol sites allow bonding.	n/a	n/a	Field coating.
ES2	Amide, hydrophobic, hydrolytically stable.	Moderately polar	5-9	Proteins, peptides, enzymes.
ES20	Polyethylene glycol phase, weakly hydrophilic.	Polar	2-10	Proteins, peptides.

For more information about this product visit [www.trajanscimed.com](http://www.trajanscimed.com) or contact [techsupport@trajanscimed.com](mailto:techsupport@trajanscimed.com)