

QC Reproducibility

- Robust column bondings
- Assured Peak shapes
- 20% lower asymmetry specification
- 10% Higher Efficiency

Fortis HPLC columns are tested using the industries most rigorous QC test, utilising basic analyte probes as well as neutral efficiency markers ensures that the column reproducibility is first class. Fortis columns are also subject to a 20% lower peak shape specification than other manufacturers columns.

QC Test

Fortis stationary phases have been proven to exhibit excellent peak shapes and efficiency for the full range of analyte species.

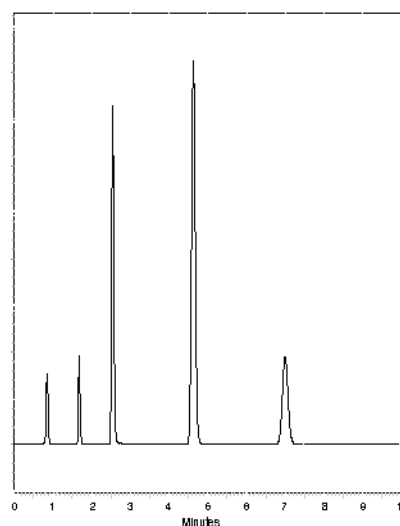
By employing a QC mix that accurately probes silanol activity (the measure of good peak shape) the analyst can be assured of quality time and time again.

Gains are also made in:

- Sample carry over
- Increased Resolution
- Increased Sensitivity

Column: Fortis C18 100x4.6mm 5µ
p/n: F18-050505
Mobile Phase: 60:40 ACN:H₂O
Flow: 1.0ml/min
Temp: 25°C
Wavelength: 254nm

1. Uracil
2. Phenol
3. 4-Ethylaniline
4. N,N-Dimethylaniline
5. Napthalene



Column Asymmetry Reproducibility

Fortis columns are subject to tight specification using basic analytes in an unbuffered mobile phase system.

If there were residual uncovered hydroxyl groups present then these basic probes would highlight this fact.

Fortis Technologies unique bondings combined with the ultra pure silica matrix ensure that the peak shapes achieved are first class.

