Capillary columns, Thermo Scientific TRACE TR-FAME 50

NEW

- Silphenylene based phase
- Low bleed for mass spectrometry use
- Separation of fatty acid methyl esters
- Separation of cis/trans isomers

The Thermo Scientific TRACE TR-FAME is a cyanopropylphenyl-based phase specifically designed for the separation of Fatty Acid Methyl Esters (FAMEs). The unique selectivity of the TR-FAME column provides excellent separation of cis/trans isomers and FAMEs with various degrees of unsaturation. The maximum allowable operating temperature of 260°C also provides versatility for the analysis of high molecular weight FAMEs.

Technical Specification

Phase	70% cyanopropyl polysilphenylene-siloxane
Temperature, max., °C	250/260

Catalogue No	Alt. No	Column I.D., mm	Film thickness, µm	Length, m
GCH-632-010R	260M135P	0.22	0.25	25
GCH-632-020X	260M142P	0.25	0.25	30
GCH-632-030L	260M154P	0.25	0.25	60
GCH-632-040Y	260M166L	0.25	0.25	120

Capillary columns, Thermo Scientific TRACE TR-35MS 16

NEW

Suitable for pesticide analysis.

- Exceptional low surface activity minimises failing
- Pharmaceutical confirmation columnp

The Thermo Scientific TRACE TR-35MS is a silphenylene-based phase ideal for all GC/MS applications. The column is particularly suited for applications that require a high temperature phase but need more polarity than a 5% phenyl column. The TR-35MS can be used in combination with a 5% phenyl column as a confirmation column.

Technical Specification

Phase	35% phenyl polysilphenylene-siloxane
Temperature, max., °C	360/370
USP category	G42

Catalogue No	Alt. No	Column I.D., mm	Film thickness, µm	Length, m
GCH-635-010W	260C130P	0.25	0.25	15
GCH-635-020T	260C142P	0.25	0.25	30
GCH-635-030Q	260C143P	0.32	0.25	30

Capillary columns, Thermo Scientific TRACE TR-SimDist 16

NEW

- Optimised for simulated distillation analysis
- High temperature limits
- Reproducible low bleed

Simulated distillation analysis places a heavy demand on the column due to the high oven temperatures required to elute the higher molecular weight hydrocarbons. With a temperature limit of 400°C, the Thermo Scientific TRACE TR-SimDist meets these requirements. The phase is strongly cross-linked and the stable bleed profile also allows for consistent background subtraction.

Technical Specification

Phase	100% dimethylpolysiloxane
Temperature, max., °C	400 (<1µm films) 370 (2.65µm films)

Catalogue No	Alt. No	Column I.D., mm	Film thickness, µm	Length, m
GCH-638-010E	260S020P	0.10	0.10	10
GCH-638-020B	260S025P	0.53	0.10	10
GCH-638-030V	260S250P	0.53	0.90	10
GCH-638-040S	260S348P	0.53	2.65	10