

Basic Compounds Analysis

Rtx®-35 Amine Columns (fused silica)

(midpolarity phase; Crossbond® 35% diphenyl/65% dimethyl polysiloxane)

- Application-specific columns for amines and other basic compounds, including alkylamines, diamines, triamines, ethanolamines, and nitrogen-containing heterocyclics.
- Stable to 220 °C.

Active basic compounds that otherwise require derivatization, or an alternative analytical technique, can be analyzed on an Rtx®-35 Amine column. The tubing surface is chemically altered to reduce tailing of basic compounds, eliminating the need for column priming. An Rtx®-35 Amine column is ideal for analyzing a wide variety of basic compounds, but breakthrough technology also allows the analysis of neutral compounds, adsorptive compounds with oxygen groups susceptible to hydrogen bonding. Every Rtx®-35 Amine column is tested to ensure that it meets the requirements for analyzing ppm levels of amines, without priming, and to ensure low bleed at maximum operating temperature.

ID	df	temp. limits	15-Meter	30-Meter
0.25mm	0.50µm	0 to 220°C	11335	11338
	1.00µm	0 to 220°C	11350	11353
0.32mm	1.00µm	0 to 220°C	11351	11354
	1.50µm	0 to 220°C	11366	11369
0.53mm	1.00µm	0 to 220°C	11352	11355
	3.00µm	0 to 220°C	11382	11385

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please note

We recommend using base-deactivated fused silica guard columns (**page 34**) and base-deactivated liners (**page 213**) with Rtx®-35 Amine columns.

Table of Contents for
GC Chromatograms
see **page 542**



Sympathomimetic amines (basic drugs) (underivatized) on an Rtx®-35 Amine column.

