

## GC/MS Impurities in Propylene

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Agilent Technologies 7890 Series Gas Chromatograph configured for use with the Agilent 5975 mass spectroscopy detector (MSD) for the impurities in polymer-grade propylene.

### Determined Components:

• Arsin	0.05-100 ppm
• Phosphine	0.05-100 ppm
• H <sub>2</sub> S	0.05-100 ppm
• COS	0.01-100 ppm
• Methyl mercaptan	0.05-100 ppm
• Ethyl mercaptan	0.05-100 ppm
• Ethanol	0.05-100 ppm
• Methanol	0.05-100 ppm
• i-Propanol	0.05-100 ppm
• n-Propanol	0.05-100 ppm
• MTBE	0.05-100 ppm
• t-Butanol	0.05-100 ppm
• sec-Butanol	0.05-100 ppm
• n-Butanol	0.05-100 ppm

Configuration of an Agilent Technologies 7890N Series Gas Chromatograph with a thermal conductivity detector for natural gas analysis.