

Recommended Gas Grade for Analytical Applications

Detector	Carrier and Detector Gases	Minimum Analyte Detection Level*			
		Trace (0-1 ppm)	1-100 ppm	1000 ppm – 1%	1-100%
FID	He	BIP Plus	BIP	BIP	BIP
TCD	He	BIP Plus	BIP	BIP	BIP
ECD	He	BIP ECD	BIP ECD	BIP ECD	N/A
GC-MS	He	BIP Plus	BIP	BIP	BIP
FPD	He	BIP Plus	BIP	BIP	N/A
PID	He	BIP Plus	BIP	BIP	N/A
HID or DID	He Purge He	BIP Plus BIP	BIP Plus BIP	BIP BIP	N/A N/A

*Concentration in ppm of analyte in final sample.

For detailed specifications of the above gases, please refer to the Air Products European Specialty Gases catalogue or UHP data sheet.

For optimum column performance, we recommend BIP®, BIP® Plus, and BIP® ECD Gases which have O₂ <0.01 ppm and H₂O <0.02 ppm guaranteed *per cylinder* because of a built-in purifier.

tell me more

www.airproducts.com/helium

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