



Air Liquide

Impuretés mesurées dans l'hydrogène

Molécule	Designation	Dimension	CEMIAG Method
Formaldehyde	HCHO	ppm v/v	OFCEAS
Ammonia	NH ₃	ppm v/v	
Moisture	H ₂ O	ppm v/v	
Oxygen	O ₂	ppm v/v	GC PDID
Argon	Ar	ppm v/v	
Nitrogen	N ₂	ppm v/v	
Helium	He	ppm v/v	GC TCD
Methane	CH ₄	ppm v/v	GC FID
Carbon dioxide	CO ₂	ppm v/v	
Total hydrocarbons (as methane)	THC	ppm v/v	
Total non methane hydrocarbons	TNMHC	ppm v/v	Algebraic calculation
Total sulphur	TS	ppb v/v	GC FPD
Hydrogen sulfide	H ₂ S	ppb v/v	
Carbonyl sulfide	COS	ppb v/v	
Carbon disulfide	CS ₂	ppb v/v	
Methyl mercaptan	CH ₃ SH	ppb v/v	
Total halogenated (as dichloromethane)	THG	ppb v/v	GC PDECD
Carbon monoxide	CO	ppm v/v	OFCEAS
Formic acid	HCOOH	ppm v/v	



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