

# ALPHAGAZ™ H<sub>2</sub>



ALPHAGAZ™ 产品已经成功地投放全球市场，为您提供最高效的方式确保分析的精准性。

ALPHAGAZ™ product range, successfully launched worldwide, is the easiest way to ensure the accuracy of your analysis.

### ● 产品特性 Physical Information

分子量.....	2.02 g/mol
Molecular Weight.....	2.02 g/mol
相对蒸气密度（空气=1）.....	0.07
Relative gas density (air = 1).....	0.07
相对密度（水=1）.....	0.07
Relative density (water=1).....	0.07
CAS 号.....	1333-74-0
CAS Number.....	1333-74-0

### ● 钢瓶及连接件 Cylinder Equipment

阀门（钢瓶）：W21.8-14-LH，外螺纹，左旋
Valve (Cylinder): W21.8-14-LH, external thread, left hand
阀门（集装箱主阀）：W21.8-14-LH，外螺纹，左旋
Valve (Main): W21.8-14-LH, external thread, left hand

### ● 其他性质 Properties

危险鉴定：极易燃
Hazards identification: extremely flammable
易燃范围：4-75%（空气中的体积百分比）
Flammability range: 4 – 75 vol% in air
个体防护：确保适当通风，严禁吸烟
Personal protection: ensure adequate ventilation, do not smoke while handling product.

### ● 运输信息 Transport Information

运输专业名称：	压缩氢
Proper shipping name:	Compressed Hydrogen
联合国危险货物编号：	1049
UN Nr:	1049
联合国危险分类：	第 2.1 类
ADR/RID:	Class 2.1



### ● 产品规格 Product Specifications

组分 Components	杂质含量 Impurities	等级 Grade	包装方式 Supply Mode	包装尺寸 Packaging Size	压力 Pressure(Mpa)@20°C
H <sub>2</sub> 99.9995%	N <sub>2</sub> < 2 ppm O <sub>2</sub> /Ar < 1 ppm CO < 0.5 ppm CO <sub>2</sub> < 0.5 ppm THC < 0.1 ppm H <sub>2</sub> O < 2 ppm	ALPHAGAZ 1 (with SMARTOP)	钢瓶Cylinder	50L	20
			集装箱Bundle	6x50L	20
			集装箱Bundle	16x50L	20
				ALPHAGAZ 40L (with SMARTOP)	钢瓶Cylinder
H <sub>2</sub> 99.9999%	O <sub>2</sub> < 100 ppb N <sub>2</sub> < 400 ppb CO < 50 ppb CO <sub>2</sub> < 50 ppb THC < 50 ppb CH <sub>4</sub> < 50 ppb NO < 20 ppb NO <sub>2</sub> < 20 ppb Particles: ISO 14664-1 - ISO 3 FED STD 209/E class 1	ALPHAGAZ 2 (with SMARTOP)	钢瓶Cylinder	50L	20