

ALPHAGAZ™ Air

产品数据表 Product Data Sheet Ver.2



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.....	28.96 g/mol	
Molecular Weight.....	28.96 g/mol	
O ₂ 20.5% + / - 0.5% abs	氧	氮
N ₂ Balance	O ₂	N ₂
相对蒸气密度 (空气= 1)	1.43	0.97
Relative gas density (air = 1)	1.43	0.97
相对密度 (水= 1)	1.14	0.81
Relative density (water = 1)	1.14	0.81
CAS 号	7782-44-7	7727-37-9
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● 其他性质 Properties


危险鉴定: 压力下气体, 如受热可爆炸
Hazards identification: pressure gas, such as heat, can explode
易燃范围: 不燃
Flammability range: Non flammable
个人防护: 确保适当通风
Personal protection: ensure adequate ventilation

● 钢瓶及连接件 Cylinder Equipment

阀门 (钢瓶): RPV, G 5/8", 外螺纹, 右旋
Valve (Cylinder): RPV, G 5/8", external thread, right hand
阀门 (集装箱主阀): RPV, G 5/8", 外螺纹, 右旋
Valve (Main): RPV, G 5/8", external thread, right hand

● 运输信息 Transport Information

运输专业名称:	压缩空气
Proper shipping name:	Compressed Air
联合国危险货物编号:	1002
UN Nr:	1002
联合国危险分类:	第 2.2 类
ADR/RID:	Class 2.2



不燃气体

● 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
O ₂ 20.5% + / - 0.5% abs N ₂ Balance O ₂ +N ₂ ≥ 99.9995%	CO < 0.5 ppm	ALPHAGAZ 1 (with SMARTOP)	钢瓶Cylinder	50L	20
	CO ₂ < 0.5 ppm		集装箱Bundle	6x50L	20
	THC < 0.1 ppm		集装箱Bundle	16x50L	20
	H ₂ O < 2 ppm		钢瓶Cylinder	40L	15
O ₂ 20.5% + / - 0.5% abs N ₂ Balance O ₂ +N ₂ ≥ 99.9999%	H ₂ < 20 ppb CO < 50 ppb CO ₂ < 50 ppb THC < 50 ppb CH ₄ < 50 ppb NO < 20 ppb NO ₂ < 20 ppb Particles: ISO 14664-1 - ISO 3 FED STD 209/E class 1	ALPHAGAZ 2 (with SMARTOP)	钢瓶Cylinder	50L	20

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