

### 高纯度六氟化硫 electronic grade SF<sub>6</sub> (5N)

高纯六氟化硫就是产品纯度已达99.999% (5N)。黎明院高纯六氟化硫产品已经通过了中国台湾某著名企业的严格检测清洗和蚀刻试验，反馈的检测报告表明该院产品完全符合“5N”指标，产品质量达到国际先进水平，其中某些指标还领先于美、日、韩等国企业的高纯六氟化硫产品，这种认可在国内特气生产企业中尚属首家。

The purity of high-purity sulfur hexafluoride is 99.999% (5N). Liming Institute's high-purity sulfur hexafluoride products have passed the strict test, cleaning and etching test of a famous enterprise in Taiwan, China. The feedback test report shows that the products of Liming Institute fully meet the "5N" index, and the product quality has reached the international advanced level. Some of the indexes are also ahead of the high-purity sulfur hexafluoride products of enterprises in the United States, Japan, South Korea and other countries, which are recognized in China's special gas industry. It is the first enterprise in the industry.

经过 50 多年的发展，黎明院目前具有年产 1500 吨电子级六氟化硫（5N）。产品已经销往欧盟、美国、日本、韩国、新加坡等国和台湾地区，在同行业处于领先地位，享有较高声誉。

After more than 50 years of development, Currently, LRICI has possessed annual capacity of 1500 tons electronic grade SF<sub>6</sub> (5N). The SF<sub>6</sub> products of LRICI are being supplied to European Union, the United States, Japan, South Korea, Singapore, and Taiwan area etc., holding the leading positions in this industry in China and enjoying higher reputation.

#### 高纯度六氟化硫质量标准：

检验项目	纯度 %	氮气 ppmv	氧气 ppmv	四氟化碳 ppmv	一氧化碳 ppmv	二氧化碳 ppmv	酸度 ppmv	水分 ppmv
指标值	≥99.999	≤3	≤3	≤0.5	≤0.5	≤0.5	≤	≤2

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项目 Item (体积分数 volume percent)	高纯指标 Purified Standard Q/LMY104-2008
六氟化硫 SF <sub>6</sub> ,10 <sup>-2</sup>	≥99.999
氮气 N <sub>2</sub> ,10 <sup>-6</sup>	≤3.0
氧气 O <sub>2</sub> +Ar,10 <sup>-6</sup>	≤3.0
一氧化碳 CO,10 <sup>-6</sup>	≤0.5
二氧化碳 CO <sub>2</sub> ,10 <sup>-6</sup>	≤0.5
四氟化碳 CF <sub>4</sub> ,10 <sup>-6</sup>	≤0.5
甲烷 CH <sub>4</sub> ,10 <sup>-6</sup>	≤0.1
水(H <sub>2</sub> O) 10 <sup>-6</sup>	≤2.0
总酸度(以 HF 体积分数计)Total Acidity,10 <sup>-6</sup>	≤0.3