

非開示情報

合格证

CERTIFICATE OF QUALITY CONFORMANCE

产品名称
PRODUCT NAME
执行标准
IMPLEMENTATION STANDARDS

四氯化锗 (GeCl₄-08-2 单模)
GERMANIUM TETRACHLORIDE (GeCl₄-单模)
YS/T 1166-2016

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波数 Wave number	标准值 Specification		测量结果 Test Results	
	透射比 Transmittance	含量 (PPM) Content(PPM)	透射比 Transmittance	含量 (PPM) Content(PPM)
3610±2cm ⁻¹ (GeCl ₃ OH);10cm	≥98.5%	≤0.060	98.76%	0.037
2970~2925cm ⁻¹ (CH-aliphatic);10cm	≥98.5%	≤0.125	99.23%	0.096
2860cm ⁻¹ ~2830cm ⁻¹ (HCL dissolved);10cm	≥99.0%	≤0.210	99.44%	0.196
2336±2cm ⁻¹ (CO ₂);10cm	≥99.0%		99.85%	
2272±2cm ⁻¹ ;10cm	≥99.0%		99.93%	
2000cm ⁻¹ ~1400cm ⁻¹ ;10cm	≥95.0%		99.68%	
1173±2cm ⁻¹ ;10cm	≥99.5%		99.72%	
1060cm ⁻¹ ~1015cm ⁻¹ ;10cm	≥90.0%		96.17%	
总量 Total	-	≤0.395	-	0.329
外观 Appearance	无色透明液体, 无悬浮物和沉淀物 Colorless transparent liquid, no suspension and sediment			合格 Pass

备注: 产品应放在干燥、阴凉、通风的地方贮存

Remarks: The product should be stored in dry, cool & ventilated place

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金属杂质测量

METALLIC IMPURITIES TEST

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金属杂质 Metallic impurities	标准值 (PPB) <u>Specifications</u> (PPB)	测量结果 (PPB) <u>Test Results</u> (PPB)
钴 (Cobalt)	≤0.5	<0.30
铬 (Chromium)	≤0.5	<0.30
铜 (Copper)	≤0.25	<0.03
铁 (Iron)	≤1.0	<0.30
锰 (Manganese)	≤0.25	<0.03
镍 (Nickel)	≤0.5	<0.30
钒 (Vanadium)	≤0.5	<0.30
铝 (Aluminum)	≤0.5	<0.30
锌 (Zinc)	≤0.5	<0.30
铅 (Plumbum)	≤0.5	<0.30
砷 (Arsenic)	≤0.5	<0.30
镁 (Magnesium)	≤0.5	<0.30
铟 (Indium)	≤0.5	<0.30
总量 (Total)	≤5.0	<3.36

纯度 (Purity) ≥99.999 999%

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