

Kalchem International

Chemicals & Compounding Supplies

品名: Product name:	L-甲硫氨酸 L-Methionine	
批号: Batch number:	8716040908	产品代号: Article code: 95871601A2
检验项目 Test items	标准值 Specification	检验结果 Results
鉴别 Identification(Spec.Rot.,IR)	符合规定 Conform	符合规定 Conform
酸度 pH (2.5 % H ₂ O, 25°C)	5.6 / 6.1	5.8
含量 Assay	99.0 % / 101.0 %	100.1%
比旋度 Specific rotation[α] _D ²⁰ (2 % 6N HCl)	+22.5°/+24.0°	+23.3°
比旋度 Specific rotation[α] _D ²⁵ (2 % 6N HCl)	+22.6°/+24.1°	+23.4°
溶液的透光率 Transmittance (10 % 2N HCl)	≥ 98.0 %	99.7%
干燥失重 Loss on drying (3h, 105°C)	≤ 0.20 %	0.01%
炽灼残渣 Residue on ignition	≤ 0.10 %	0.02%
铵盐 Ammonium	≤ 200 ppm	<200 ppm
氯化物 Chloride	≤ 200 ppm	<200 ppm
硫酸盐 Sulphate	≤ 200 ppm	<200 ppm
重金属 Heavy metals (as Pb)	≤ 5 ppm	<5 ppm
铁盐 Iron	≤ 10 ppm	<10 ppm
薄层色谱分析 Thin layer chromatography	其他氨基酸: Other amino acids ≤ 0.5 %	<0.5%
甲醇残留 Methanol (by GC)	≤ 3000 ppm	<40 ppm
定期检测项目 Guaranteed by regular monitoring(*)		
铅 Lead(*)	≤0.3ppm	≤0.3ppm
镉 Cadmium(*)	≤0.2ppm	≤0.2ppm
砷 Arsenic(*)	≤0.2ppm	≤0.2ppm
铝 Aluminium(*)	≤10ppm	≤10ppm
汞 Mercury(*)	≤0.1ppm	≤0.1ppm
细菌总数 Total viable count(*)	≤1000CFU/g	≤1000CFU/g
霉菌和酵母菌 Yeasts and moulds(*)	≤100CFU/g	≤100CFU/g

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