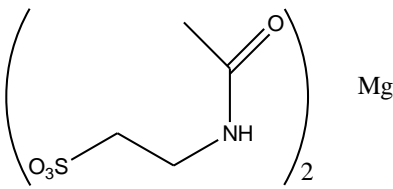


CERTIFICATE OF ANALYSIS

(分析检测报告)

Product Name/中文名:	Magnesium acetyl taurate/N-乙酰牛磺酸镁
CAS Number/CAS 号:	75350-40-2
Molecule Structure /分子结构	 <p style="text-align: center;">Mg</p> <p style="text-align: center;">$C_8H_{16}MgN_2O_8S_2$ Mol. Wt.: 356.00</p>
Batch No./批号:	20210515
Manufacturing Date/生产日期:	2021.05.15
Retest Date/检测日期:	2021.05.16
Storage/储存:	Sealed storage at cool temperature in the dark /在暗处和室温低温条件下, 密封保存

Tests and Methods/检测与方法	Specifications/指标	Results/结果
Appearance/外观	white or light yellow solid powder/白色或淡黄色固体粉末	white solid/白色固体, Meet a requirement 符合
Solubility/溶解度	Easily soluble in water/易溶于水	Easily soluble 易溶/ Meet a requirement 符合
	Weakly soluble in ethanol/微溶于乙醇	Weakly soluble /微溶 Meet a requirement 符合
Magnesium content (complexometry) /镁含量 (络合滴定法)	6.5-6.9% calculated on anhydrous substance/6.5-6.9%计算值无水状态下	6.83% / Meet a requirement 符合
Water Content/水分	Not more than 10%/不超过 10%	7.5%/Meet a requirement 符合
Solvent Residue /溶剂残留	Not more than 0.5%/不超过 0.5%	Not detected/no detected 未检出
pH	5.0-8.0	6.8/ Meet a requirement 符合
Conclusion/结论: Meet the requirement of enterprise standard / 满足企业质量标准.		



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Accessory/附件:

1. ESI+质谱

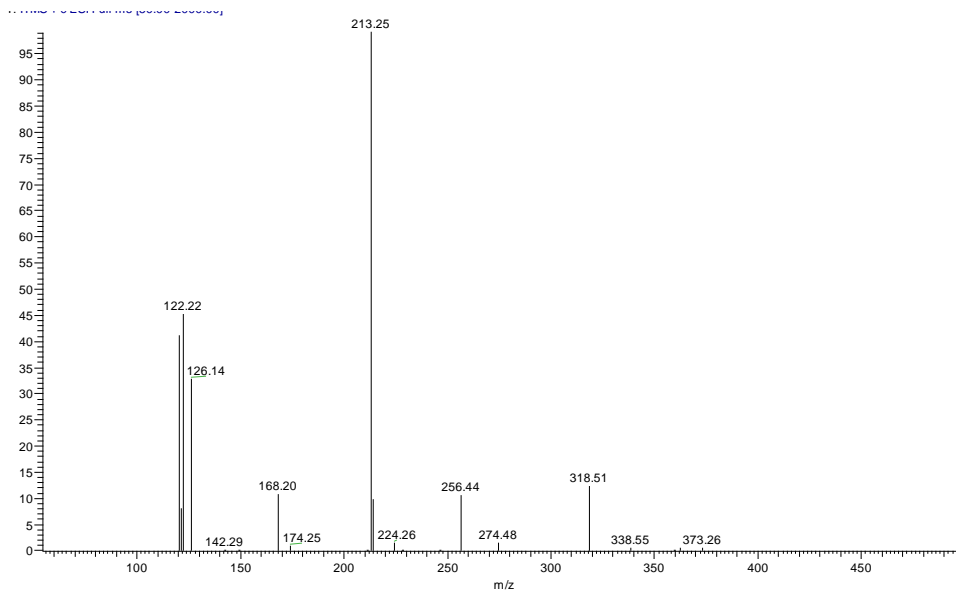


Fig.1 ESI+-MS spectrum

图 1 乙酰牛磺酸镁 ESI+质谱图

2. IR 红外光谱图

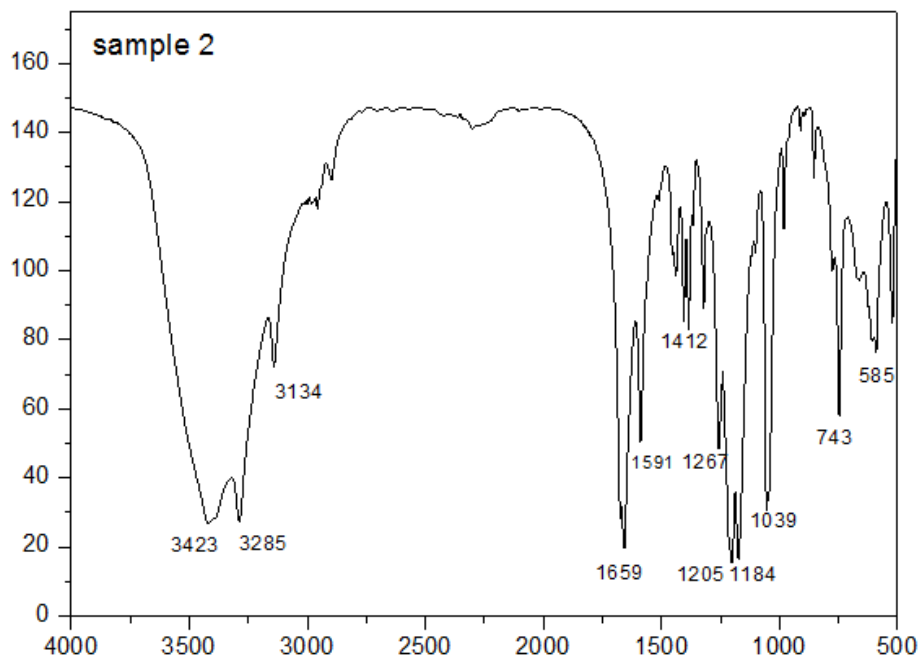


Fig.2 IR spectrum

图 2 乙酰牛磺酸镁红外光谱图



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3. ^1H NMR confirmation/核磁共振氢谱确认

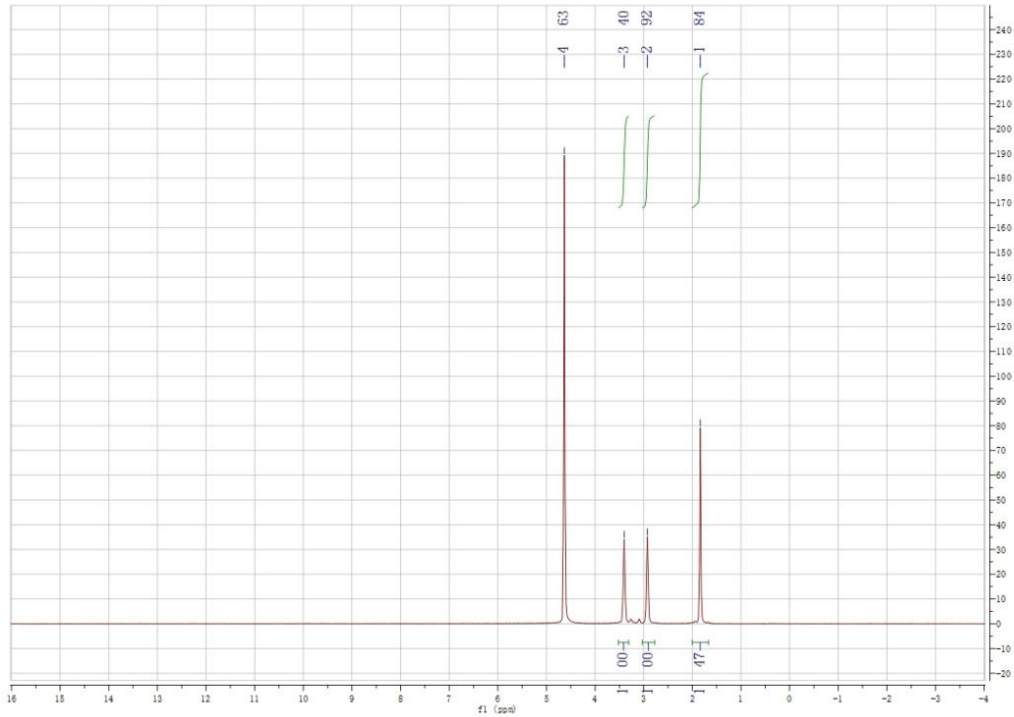


Fig.3 ^1H NMR spectrum
图 3 乙酰牛磺酸镁核磁共振氢谱图