

## Certificate of Analysis

品名 Product Name	黄原胶 Xanthan Gum	批号 Lot No.		数量 (吨) Quantity (MT)	
型号 Type	JL H	生产日期 Production Date		保质期 Shelf Life	24 month
检测项目 Test Items		产品指标 Specification		结果 Result	
外观 Appearance		乳白色/浅黄色粉末 Cream White / Light Yellow Free Flowing Powder		符合 Conform	
40目(425um)通过率 Through 40 mesh, %		≥95.00		99	
200目(75um)通过率 Through 200 mesh, %		≤50.00		34.7	
干燥失重 Loss on Drying, %		≤13.00		8.8	
PH (1% XG solution)		6.0-8.0		6.9	
灰分 Ash, %		≤ 15.00		8.9	
剪切性能值 (Shearing Ratio)		≥6.50		7.8	
1%氯化钾溶液粘度 Viscosity (1% XG in 1% KCL solution, cps)		1200—1700		1320	
淀粉定性检测 Starch Qualitative Determination		Absent		Absent	
瓜胶定性检测 Guar Qualitative Determination		Absent		Absent	
流变性测试 0.285%黄原胶在海水中 Rheology test 0.285%XG in sea water solution					
600rpm		≥75		88.5	
300rpm		≥55		67.0	
200rpm		≥45		57.0	
100rpm		≥35		42.5	
6rpm		≥18		19.5	
3rpm		≥16		16.5	
Brookfield LV 1.5r/min (cps)		≥1950		2770	
结论 Conclusion		符合 Conform: GB/T5005-2010			