



大 连 汉 德 姆 精 细 化 学 品 有 限 公 司

DALIAN HANDOM CHEMICALS CO.,LTD.

Certificate of Analysis

Product Name	Xanthan Gum Transparent	Batch No.	37210402	Quantity	1000Kgs
Type	HDC	Manufacturing Date	Nov.27 th , 2021	Shelf Life	24 Months
Test Item		Specification		Result	
Viscosity 1% solution in 1% KCL		1300-1700cps		1700cps	
Transparency		>85.0%		86.8%	
PH 1% solution		6.0-8.0		6.22	
Moisture		≤15%		8.65%	
Ash		≤13%		6.12%	
Particle size		100% through 60 mesh(250micron) ≥95% through 80 mesh(180micron)		100% 96.3%	
V1/V2		1.02-1.45		1.04	
Pyruvic acid		≥1.5%		3.5%	
Nitrogen		≤1.5%		0.76%	
Heavy metals		≤20ppm		Conforms	
Lead(Pb)		≤2ppm		Conforms	
Arsenic(As)		≤3ppm		Conforms	
Total plate count		≤2000 cfu/g		1600 cfu/g	
E.coli		Absent/25g		Conforms	
Moulds/yeasts		≤100 cfu/g		<50 cfu/g	
Salmonella		Absent/25g		Conforms	
Ethanol and Isopropyl Alc.		≤500ppm		Conforms	
Conclusion		Qualified.			