



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

CAS No.: 11138-66-2

Batch No.: HDC20230106

Quantity: 12000kg

Manufacturing Date: Jan 6th, 2023

Retest Date: Jan 5th, 2025

Quantity: 25kg/bag

Report Date: Jan 7th, 2023

Test Item	Specification	Test Result
Appearance	Cream white or pale yellow free-flowing powder	Conforms
Particle Size	≥95.00% pass through 80 mesh sieve	99.50%
	≤57.00% pass through 200 mesh sieve	56.26%
Loss on Drying	Not more than 13.00%	10.86%
pH Value(1% Xanthan Gum Solution)	6.0 - 8.0	7.79
Ash	Not more than 15.00%	Conforms
Shearing Ratio	Not less than 6.50	7.87
Viscosity(1% Xanthan Gum in 1% KCl Solution)	1200cps - 1700cps	1478cps
Pyruvic Acid	Not less than 1.5%	Conforms
Total Nitrogen	Not more than 1.5%	Conforms
Heavy Metals	Not more than 20ppm	Conforms
Lead(Pb)	Not more than 2ppm	Conforms
Total Plate Count	Not more than 2000CFU/g	100CFU/g
Coliforms group	Negative/5g	Not detected
Yeasts & Moulds	Not more than 500CFU/g	Conforms

Conclusion: The testing results of this batch are complied with GB 1886.41-2015 Standard.