



大连汉德姆精细化学品有限公司

DALIAN HANDOM CHEMICALS CO.,LTD.

Certificate of Analysis

Product Name: Transparent Xanthan Gum

CAS No.: 11138-66-2

Batch No.: HDC20221228

Quantity: 3000kg

Manufacturing Date: Dec 28th, 2022

Retest Date: Dec 27th, 2024

Quantity: 25kg/bag

Report Date: Dec 29th, 2022

Test Item	Specification	Test Result
Appearance	Cream white or pale yellow free-flowing powder	Conforms
Light Transmittance	Not less than 85.0%	92.2%
Loss on Drying	Not more than 15.00%	10.38%
pH Value(1% Xanthan Gum Solution)	6.0 - 8.0	6.87
Ash	Not more than 15.00%	7.06%
Shearing Ratio	Not less than 6.50	7.68
Viscosity(1% Xanthan Gum in 1% KCl Solution)	1200cps - 1700cps	1556cps
Pyruvic Acid	Not less than 1.5%	3.11%
Total Nitrogen	Not more than 1.5%	0.68%
Heavy Metals	Not more than 20ppm	Conforms
Lead(Pb)	Not more than 2ppm	<2ppm
Total Plate Count	Not more than 2000CFU/g	800CFU/g
Coliforms group	Negative/5g	Not detected
Yeasts & Moulds	Not more than 500CFU/g	Conforms
Salmonella	Negative/10g	Not detected

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