



大连汉德姆精细化学品有限公司

DALIAN HANDOM CHEMICALS CO.,LTD.

Certificate of Analysis

Product Name: Hydrolyzed Keratin

CAS No.: 69430-36-0

EINECS No.: 274-001-1

Molecular Formula: C₂H₂BrClO₂

Batch No.: HDC20240125

Batch Quantity: 1250kg

Manufacturing Date: Jan 25th, 2024

Retest Date: Jan 24th, 2027

Test Items	Specifications	Test Results	
Appearance	Uniform powder, soft, no caking	Conforms	
Colour	Beige	Conforms	
Taste and smell	Unique taste and smell, no odour	Conforms	
Impurity	No visible exogenous impurity	Conforms	
Stacking Density	---	0.17 g/mL	
Protein (N*6.25, on the anhydrous basis)	Not less than 80.0g/100g	90.10g/100g	
Moisture	Not more than 7.0%	3.53%	
Ash	Not more than 7.0%	2.40%	
pH Value (6.67% aqueous solution)	5.5 ~ 7.5	6.14	
Heavy Metals	Lead (Pb)	Not more than 10.0 mg/kg	Conforms
	Arsenic (As)	Not more than 2.0 mg/kg	Conforms
	Mercury (Hg)	Not more than 1.0 mg/kg	Conforms
	Cadmium (Cd)	Not more than 5.0 mg/kg	Conforms
Total Plate Count	Not more than 500 CFU/g	80 CFU/g	
Yeasts & Moulds	Not more than 100 CFU/g	20 CFU/g	
Heat-resistant coliforms	Negative	Not detected	
Pathogenic Bacteria (Staphylococcus aureus, Pseudomonas aeruginosa)	Negative	Not detected	

Conclusion: The testing results of this batch of goods are complied with the Standard of In-house.