



## HS GLOBAL PTE. LTD.

203 Hougang Street 21 #03-73 Singapore 530203

### Whey powder

Appearance	Dry Finely pulverized powder
Color	White, creamy
Flavor and odor	Whey, sweet, without any side flavors and odors
Lactose content	≥ 70%
Protein content	≥ 11%
Fat content	0.5-1.0%
Moisture content	≤ 4%
Weight fraction of ashes	≤ 7%
Acidity	≤ 25 °T
Solubility index, cm <sup>3</sup> of nontreated sludge	≤ 0.1
PH dilution 1:10	6-7.0
Impurity	≤ 6%
Lead	≤ 0.10 mg/kg
Arsenic	≤ 0.01 mg/kg
Cadmium	≤ 0.03 mg/kg
Mercury	≤ 0.01 mg/kg
Chromium	≤ 2.00 mg/kg
Selenium	≤ 0.15 mg/kg
Benzoyl Peroxide	≤ 50.0 mg/kg
Melamine	not allowed
Total amount of mesophilous, aerobes, facultative anaerobes microorganism	≤ 50 000 CFU/g
Coliform bacteria	not allowed in 0.1g
Colibacillus group bacteria	not allowed in 25g
Listeria monocytogenes	not allowed in 1g
Staphylococcus aureus	not allowed in 25g
Pathogenic germ, including salmonellas	not allowed in 25g
Yeast	≤ 50 CFU/g
Mold fungi	≤ 50 CFU/g
Mycotoxins: Aflatoxin M1	≤ 0.0005 mg/kg
Purity degree	≥ 1
Dioxins	not allowed
Pesticides:	
Hexachlorocyclohexane (alpha, beta and gamma isomers)	≤ 1.25
Dichlorodiphenyltrichloroethane and its metabolites	≤ 1.00
Radionuclides: cesium – 137	≤ 100 Bq/kg
Antibiotics:	
Chloramphenic	not allowed
Tetracycline group	not allowed
Allergens (nuts, peanuts, gluten-containing substances, fish and marine products, soya, eggs)	absent
Nitrite	< 2 mg/kg
Nitrare	< 50 mg/kg
Shelf life	24 months from the production date