



## SPECIFICATION

### PRODUCT: MILK PROTEIN HYDROLYSATE

Sr. No.	Parameter	Specification
1.	Appearance <ul style="list-style-type: none"> <li>- Color of Powder</li> <li>- Nature</li> <li>- Consistency</li> <li>- Odour</li> </ul>	Off white to Light Yellow Homogenous Free Flowing Powder Characteristic Odour but not Putrescent
2.	Solubility	Freely Soluble in distilled/purified water, insoluble in alcohol
3.	Reaction	Reaction of 1% w/v aqueous solution at 25°C
4.	pH	6.30 – 7.30
5.	Test for Pathogens <ul style="list-style-type: none"> <li>- E.coli</li> <li>- Salmonella Species</li> <li>- Pseudomonas aeruginosa</li> <li>- Staphylococcus aureus</li> <li>- Albicans</li> <li>- Clostridia</li> </ul>	Negative in 10gms of sample Negative in 10gms of sample Negative in 10gms of sample Negative in 10gms of sample Negative in 10gms of sample Negative in 10gms of sample
6.	Total Nitrogen by Khejdhal method	$\geq 12.50 \%$
7.	Total Protein (6.38 as conversion factor)	$\geq 80 \%$
8.	Amino Nitrogen	$\geq 2.40 \%$
9.	Sodium Chloride	$\leq 5 \%$
10.	Loss on Drying	$\leq 7 \%$
11.	Residue on Ignition	$\leq 12 \%$

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