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Product Data Sheet

Low Substituted Hydroxypropyl Cellulose

L-HPC LH21

CAS No : 9004-64-2

L-HPC LH21 Low Substituted Hydroxypropyl Cellulose is non-ionic, it is less reactive to active ingredients compared with ionic excipients which is insoluble in water. It is an effective disintegrant due to its swelling action in water. Because is has good compressibility, it functions as a dry binder.

Specification

TEST ITEM	UNIT	USP SPECIFICATION
APPEARANCE		white to yellowish- white powder with odorless and tasteless
Identity		Positive
Solubility		It does not dissolve in water but swells. It neither dissolves nor swells in ordinary organic solvents,but dissolves in a 10% NaOH solution to give a viscous solution.
LOSS ON DRYING	WT%	≤5.0
RESIDUE ON IGNITION	WT%	≤0.2
Hydroxypropoxy	WT%	10.0-12.9
Silica	WT%	≤0.6
Chlorides	WT%	≤0.36
Sulphated ash	WT%	≤1.6%
PH		5.0-7.5
Heavy Metals	PPM	≤10ppm
Arsenic	PPM	＜3ppm
Yeast and Mould		＜100 cfu/g
Total plate count		＜100 cfu/g

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Mean particle size	μ m	35-55
90% cumulated particle size	μ m	100-150

Packing:

Packed in fiber drum, containing25 kgs; palletized & shrink wrapped.

Storage:

Store it in a cool, dry place below 30°C and protected against humidity and pressing, since the goods is thermoplastic, storage time should not exceed 36 months.

Safety notes:

The above data is in accordance with our knowledge, but don't absolve the clients carefully checking it all immediately on receipt. To avoid the different formulation and different raw materials, please do more testing before using it.