



NECRODEX® Y

NECRODEX® - Y is a Yellow Dextrin which is used as carriers for active food flavourings, spices and colorants, where rapid dissolution in water is desired. Yellow corn dextrin is also used in the encapsulation of water-insoluble flavourings and oils, replacing Arabic Gum.

Applications

- Diluent and binding agent in food/Pharma
- Carrier for spray drying of Herbal extracts
- Cold water soluble filler in herbal formulations
- Suitable carrier for spray drying of food and herbal ingredients to obtain a free flowing powder.
- Can be used as a stabilizing agent in emulsion preparations.
- Low hygroscopicity helps for high stability in humid conditions and to maintain good flowability.



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Necrodex® Y is Yellow Dextrin

Yellow Dextrin is prepared from Maize / Tapioca / Potato Starch CAS No. 9004-53-9

DETERMINATION	SPECIFICATION	TEST METHOD
Description	A white or pale yellow powder, slight odor & characteristic free from any foreign matter.	As per IP
Identification	A purple color is produced after adding drops of iodine	As per IP
pH	Limit 5.0-7.0	In-House
Moisture Content	Not more than 12%	As per IP
Cold Water Soluble, Percent by Mass	35% to 100%	In-House
Bulk Density	550 g/lit ± 40 g/lit.	In-House
Tap Density	750 g/lit. ± 40 g/lit.	In-House
Sieve Test	Passes through 100 Mesh	In-House
Limit Of Sulfure Dioxide	NMT 50 PPM	In-House
Reducing Sugar	NMT 5.00%	USP
Viscosity (Redwood Viscometer)	30-50 Sec.	In-House
MICROBIAL LIMIT TEST:		
Total Aerobic Microbial	NMT 1000 Cfug	As per IP
Total Yeast and Mould count	NMT 100 Cfug	As per IP
Escherichia coli	Should be absent	As per IP
Salmonella spp.	Should be absent	As per IP
Staphylococcus aureus	Should be absent	As per IP
Pseudomonas aeruginosa	Should be absent	As per IP

Comments

- Not intended for use in manufacture of parenteral dosage forms.
- Methods used by Necron may be the Pharmacopoeia methods or alternative validated methods which have been compared to the Pharmacopoeia methods.