

Product Specifications

Test item	Grade	LH-11	LH-21	LH-22	LH-B1	LH-31	LH-32	Method
Description and solubility		Conforms						USP/NF
Identification (A) - (C)		Conforms						USP/NF
pH		5.0 - 7.5						JP
Loss on drying		Not more than 5.0 %						USP/NF
Residue on ignition		Not more than 0.5 %						USP/NF
Chloride		Within the limit (Not more than 0.36 %)						USP/NF
Heavy metals		Within the limit (Not more than 0.001 %)						USP/NF
Hydroxypropoxyl content		10.0 - 12.9 %		7.0 - 9.9 %	10.0 - 12.9 %		7.0 - 9.9 %	USP/NF
Particle size*	Average	45 - 65 μm	35 - 55 μm		45 - 65 μm	17 - 23 μm		Shin-Etsu
	90% cumulated	150 - 200 μm	100 - 150 μm		100 - 150 μm	40 - 100 μm		Shin-Etsu
Tap density		-			Not less than 0.65 g/mL	-		Shin-Etsu

*Laser diffraction method

Package

50 kg - Fiber drum with polyethylene double bag inside

1 kg - Polyethylene double bag



The Manufacture of Shin-Etsu Cellulose derivatives are based on the mentioned registered quality standard and environmental management system.