Substitution type	2910	2208
Methoxy (%)	28-30	19-24
Hydroxypropoxy (%)	7-12	4-12
Appearance	White to off-white powder	
Moisture (%)	max.5	
Residue (%)	max.1.5	
PH	5.0-8.0	
Heavy metals (ppm)	max.20	
Arsenic (ppm)	max.2	
Total microbe count	max.1000 CFU/g	
Total mold and yeast	max.100 CFU/g	
Escherichia coli	Nil	
Particle size	min.90% pass through 100 mesh	

Quality Standard: In conformity with CP/IP//JP/EP/BP/USP

Selection guide of products for pharmaceutical:

	Viscosity	Application				
		Film coating	Controlled release agent	Granulation binder	Capsule manufacture	Thickening and suspending agents
2910 (E Chemistry)	5	●		●	●	
	6	●		●	●	
	15	●		●		
	50			●		
	4,000					●
2208 (K Chemistry)	4,000		●			●
	15,000		●			●
	100,000		●			●

Grade	LP11	LP21	LP22
Hydroxypropoxy (%)	10.0 - 12.9	10.0 - 12.9	7.0 - 9.9
Particle size	99.5% pass 80 mesh, 98% pass 100 mesh	99% pass 150 mesh, 90% pass 200 mesh	99% pass 150 mesh, 90% pass 200 mesh
Appearance	White to off-white powder		
Moisture (%)	max. 5		
Residue (%)	max. 0.5		
PH	5.0 - 7.5		
Chloride, %	max. 0.36		
Heavy metals (ppm)	max. 20		
Arsenic (ppm)	max. 2		
Iron (ppm)	max.10		
Total microbe count	max.1000 CFU/g		
Total mold and yeast	max.100 CFU/g		
Escherichia coli	Nil		