

Grade	Size		Bulk Density (gm/ml)
	(mesh)	(µm)	
Accel MCC Spheres 100	70 – 140	100 – 200	0.7 - 0.8
Accel MCC Spheres 200	45 – 70	200 – 355	0.8-0.9
Accel MCC Spheres 350	35 – 45	355 – 500	0.8-0.9
Accel MCC Spheres 500	25 – 35	500 – 710	0.8-0.9
Accel MCC Spheres 700	18 – 25	710 – 1000	0.8-0.9
Accel MCC Spheres 1000	14 – 18	1000 – 1400	0.8-1.0

DETAILS	
Description	White or almost white, fine or granular crystalline powder, practically insoluble in water, in dilute acids, in most of organic solvents and in dilute NaOH solution(1 in 20).
Identification A (USP/BP), B (EP), 1 (JP), (Zinc Chloride test)	Have to correspond as NF,EP,JP
Identification A (EP)	Have to correspond as NF,EP,JP
Identification B (USP/EP), 3 (JP), C (EP), (Degree of Polymerization)	NMT 350 as USP/NF,NF,EP,JP
Identification 2 (JP)	Have to correspond as JP
Solubility (coppertetramine solution)	Have to correspond as NF,EP,JP
Ph	5.0-7.5 as NF,EP,JP
Conductivity	NMT 75µS.cm ⁻¹ as NF,EP,JP
Water - Soluble Substance	NMT 0.25% as NF,EP,JP
Ether - Soluble Substance	NMT 0.05% as NF,EP,JP
Loss on Drying	NMT 7.0% as NF,EP,JP
Heavy Metals	NMT 10 PPM NF,EP,JP
Residue on Ignition / Sulphated Ash	NMT 0.1% as NF,EP,JP
Bulk Density	0.7 TO 1.0 g/ml
Assay (Dried)	97.0% to 102.0%
Particle Size (70-140 Mesh)	100 to 200 µm
Particle Size (45-70 Mesh)	200 to 355 µm
Particle Size (35-45 Mesh)	355 to 500 µm
Particle Size (25-35 Mesh)	500 to 710 µm
Particle Size (18-25 Mesh)	710 to 1000 µm

MICROBIAL LIMITS	
Total Viable Aerobic Count	NMT 1000 cfu/g as NF,EP,JP
Total yeast & Mould Count	NMT 100 cfu/g as NF,EP,JP
Staphylococcus aureus	Absent as NF,EP,JP
Escherichia coli	Absent as NF,EP,JP
Pseudomonas aeruginosa	Absent as NF,EP,JP
Salmonella species	Absent as NF,EP,JP