

MİKROKRİSTALİN SELÜLÖZ 102 (MCC 102) ANALİZ SERTİFİKASI

Product Name : Mikrokristalin Selüloz 102 (MCC 102)

Cas Number : 9004-34-6

Molecular Formula : C₁₂H₂₂O₁₁

TESTS	SPECIFICATION	RESULT
Description	Fine or Granular white or almost white Powder. It consist of free-flowing, nonfibrous particles.	A white powder
Solubility	Practically insoluble in water , in acetone, in anhydrous ethanol , in toluene, in dilute acids and in 50 g/L solution of sodum hydroxide.	Complies
Identification (A)	A) The substance becomes violate blue with iodinated zinc chloride solution	a) Complies
(B)	B) The degree of polymerization should not be more than 350	b) 246.00
Starch and dextrin's	No blue or brownish red colour is produced	Complies
pH	5.00 to 7.50	6.03
Conductivity	NMT 75 µS .cm ⁻¹	41 µS.cm ⁻¹
Ether soluble substances	NMT 0.05%	0.04%
Heavy metal	NMT 10 ppm	Complies
Water soluble substances	NMT 0.25%	0.15%
Loss on drying	NMT 7.00%	5.36%
Residue on Ignition	NMT 0.10%	0.07%
Microbial contamination		
Total viable aerobic count	NMT 1000 cfu/g	40 cfu/g
Total molds & yeast count	NMT 100 cfu/g	< 20 cfu/g
E.Coli & Salmonella	Absent in 1 & 10 g.	Absent
S. Aureus & P. Aeruginosa	Absent in 1g.	Absent
Bulk density	0.28 to 0.40	0.312 g/ml
Hauser Ratio	NLT - 1.30	1.41
Sieve Analysis (% Retention)		
(+) 60 mesh	≤ 8.0%	3%
(+) 200 mesh	≥ 45.0%	57%
Assav	NLT 97% to NMT 102%	99.56%

Not: Bu belge üzerindeki spesifikasyonlar, üretici tarafından yapılan analiz sonuçlarındaki değerlerle bire bir aynıdır.