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Amtsgericht Stendal HRB 5561

Product Specification Sheet

Product line:	*Chitoceuticals*
Product:	Chitosan 90/3000
CAS:	9012-76-4
Product No.:	24611
Storage conditions:	< 25 °C, dry and well closed
Shelf life:	36 months
Valid from:	01.07.2011

Parameter	**Method**	**Specification**
Appearance of solid product	HMC QK-PA-0001	white to ligth yellow
Appearance of solution	HMC QK-PA-0002	clear, colorless to slightly yellowish
Degree of deacetylation	HMC QK-PA-0003	87.6 - 92.5 %
Viscosity (1 % in 1 % acetic acid, 20 °C)	HMC QK-PA-0004	2751 - 3250 mPas
Ashes (sulphated)	HMC QK-PA-0005	≤ 1 %
Dry matter content	HMC QK-PA-0006	≥ 90 %
Insolubles	HMC QK-PA-0010	≤ 2 %
Heavy metals		
Pb	HMC QK-PA-0019	≤ 40 ppm
Hg	HMC QK-PA-0020	≤ 0.2 ppm
Cd	HMC QK-PA-0020	≤ 0.5 ppm
As	HMC QK-PA-0020	≤ 0.5 ppm
Protein content	HMC QK-PA-0008	≤ 0.5 %
Microbiological tests		
Total bacterial count	HMC QK-PA-0022	≤ 1000 CFU/g substance
Yeast & mould	HMC QK-PA-0022	≤ 100 CFU/g substance

For reference
Molecular weight (by GPC): 300 - 700 kDa

Halle (Saale), 01.07.2011

Torsten Richter
Head of QA/QC