

Heinrich-Damerow-Straße 1
 D-06120 Halle (Saale)
 Tel: +49 (0) 345 27 996 300
 Fax: +49 (0) 345 27 996 378
 info@medical-chitosan.com
 www.medical-chitosan.com

HypoVereinsbank Halle (Saale)

 Account: 356 864 832 BLZ: 800 200 86
 SWIFT: HYVE DE MM 440
 IBAN: DE33 8002 0086 0356 8648 32

Volksbank Halle (Saale) eG

 Account: 0001 160 966 BLZ: 800 937 84
 SWIFT: GENO DE F1 HAL
 IBAN: DE83 8009 3784 0001 1609 66

VAT.ID: DE 249 728 508

Amtsgericht Stendal HRB 5561

Product Specification Sheet

Product line:
Chitoceuticals

Product: Chitosan 80/1000
 CAS: 9012-76-4
 Product No.: 24407
 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 light yellow
Appearance of solution	HMC QK-PA-0002	clear, colorless to slightly yellowish
Degree of deacetylation	HMC QK-PA-0003	77.6 - 82.5 %
Viscosity (1 % in 1 % acetic acid, 20 °C)	HMC QK-PA-0004	751 - 1250 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): 200 - 500 kDa		

Halle (Saale), 01.07.2011


 Torsten Richter
 Head of QA/QC

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