



Certificate of Analysis

KitoFlokk™

NORWEGIAN CHITOSAN – TETA VANNRENSING BRAND



Product name	Chitosan
Chemical Name	Beta-(1,4)-2-amino-2-deoxy-D-glucose or poly-D-glucosamine or poly N-acetyl-D-glucosamine
CAS No	9012-76-4
Molecular Formula	$(C_6H_{12}O_4N)_n$
Molecular Weight	$(162)_n$
Storage	Cool dry place

Item Analysis	Specification
Physical:	
Appearance	Off-White Free Flowing Powder
Taste	Characteristic
Aroma	Characteristic
Viscosity	100mpa.s (cps) Max
Bulk Density	0.30g/ml Min
Particle Size	100% through 80 Mesh
Chemical:	
Deacetylated Degree	80.00% Min
Loss on Drying	10.00% Max
Residue on Ignition	1.00% Max
Proteins	Negative
Heavy Metals	15 ppm Max
Lead	3 ppm Max
Cadmium	1 ppm Max
As	1 ppm Max
Mercury	0.1 ppm Max
Ferric Salt	10 ppm Max
Nitrofurans	Negative
Chloramphenicol	Negative
pH (1 % Solution)	6.0-9.0
Microbial:	
Total Plate Count	3.000 CFU/g Max
Yeast & Mold	300 CFU/g Max
<i>E.Coli</i>	Negative
<i>Salmonella</i>	Negative
<i>Staphylococcus</i>	Negative

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