

Xpert4growth Bvba, Lommel – Belgium

SPECIFICATION and CERTIFICATE of ANALYSIS

End use: as **Elicitor** following EU563/2014, Basic Substance.

Custom code: HS 3913 9000 99 Natural polymer/other.

Country of origin: India.

Product Name: CHITOSAN HC (Chitosan Hydrochloride) CAS.Nr.70694-72-3

Contains: 100% <Chitosan (linear polysaccharide composed of multiple units of 1-4 D Glucosamine and N-acetyl-D-Glucosamine) having CAS no 9012-76-4 treated with (Hydrochloric Acid) HCl>

Document date: 10/04/2017

Batch number: H101

Manufacturing Date: 15/03/2017

Quantity:

50 kg

Expiry Date: 15/09/2018

Tests	Specification	Results
Appearance	Solid flakes or powder/Light brown.	conforms
DDA Degree	75 – 90%	conforms
Moisture	< 12%	conforms
Ash content	< 2%	Conforms
pH 10% Solution	1+	conforms
Viscosity 10% Sol.	50– 100 Cps (ford cup#4)	conforms
Solubility 10% Sol.	>99% soluble	conforms
Heavy Metals	< 40 ppm	conforms
Bulk Density	0,17-0,3 gr/cc	conforms
Total plate count	< 1000 cfu/g	conforms
Yeast & Mold	< 100 cfu/g	conforms