



EUROPEAN
COMMISSION

Brussels, **XXX**
SANCO/12808/2013 ANNEX CIS
(POOL/G1/2013/12808/12808-EN
ANNEX CIS.doc)
[...](2014) **XXX** draft

ANNEX 1

ANNEX

to the

COMMISSION IMPLEMENTING REGULATION (EU) No .../..

**concerning the authorisation of a preparation of endo-1,3(4)-beta-glucanase produced
by *Trichoderma reesei* (CBS 126896) as a feed additive for chickens for fattening and
weaned piglets (holder of the authorisation ROAL Oy)**

ANNEX

Identifi- cation number of the additive	Name of the holder of authorisation	Additive	Composition, chemical formula, description, analytical method	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authori- sation
						Units of activity /kg of complete feedingstuff with a moisture content of 12%			
Category of zootechnical additives. Functional group: digestibility enhancers.									
4a20	Roal Oy	Endo-1,3(4)-beta- glucanase EC 3.2.1.6	Additive composition: Preparation of endo-1,3(4)-beta- glucanase produced by <i>Tricoderma reesei</i> (CBS 126896) having a minimum activity of: - solid form: endo-1,3(4)-beta- glucanase 200 000 BU ¹ /g; - liquid form: endo-1,3(4)-beta- glucanase 400 000 BU/ml. ----- Characterisation of the active substance: endo-1,3(4)-beta-glucanase produced by <i>Tricoderma reesei</i> (CBS 12689) ----- Analytical method² For the quantification of endo-1,3(4)- beta-glucanase activity: spectrometric (DNS) method, based on the quantification of released sugars produced by the action of endo-1,3(4)- beta-glucanase on barley beta-glucan at pH 4.8 and 50°C.	Chickens for fattening	-	20 000 BU	-	1. In the directions for use of the additive and premixture, indicate the storage conditions and stability to pelleting. 2. For use in (weaned) piglets up to approximately 35 kg. 3. For safety: breathing protection, glasses and gloves shall be used during handling.	[10 years from the date of entry into force of this Regulation To be completed by the Service responsible for the publication]
				Piglets (weaned)		10 000 BU			

¹ 1 BU viscosimetry unit is the amount of enzyme which liberates 1 nanomoles of reducing sugars from barley beta-glucan per second at 50 °C and pH .8.

² Details of the analytical methods are available at the following address of the Reference Laboratory:
http://irmm.jrc.ec.europa.eu/EURLs/EURL_feed_additives/Pages/index.aspx