

**LIST OF BIOLOGICS SUBSTANCE GENERALLY RECOGNISED AS SAFE**

<b>Enzyme animal origin used in animal diets</b>	
<b>ENZYME</b>	<b>ORIGIN</b>
$\alpha$ -Amylase	Porcine pancreas
Lipase	Bovine stomach, salivary glands or forestomach of calf, kid or lamb, hog, bovine pancreas
Pepsin	Bovine stomach, hog stomach
Phospholipase A <sub>2</sub>	Porcine pancreas
Trypsin	Porcine or bovine pancreas
Pancreatin (peptide hydrolase)	porcine or bovine pancreatic tissue
Rennet	fourth stomach of cattle, buffalos, goats, sheeps
Thrombin	cattle or pig blood
Triacylglycerol lipase	pregastric tissue of cattle, goat, sheep
Chymotrypsin	pig pancreas
Carboxypeptidase	porcine pancreatic gland
Catalase	porcine liver
Crude renin	Bovine, calf, goat, kid, sheep or lamb stomach

## Reference:

- 1 Food enzyme application submitted to the Commission within the legal European Commission safety of the food chain version 4, updated on 25 July 2016
- 2 Association of American Feed Control Officials 2016 official Publication
- 3 LIST OF CODEX SPECIFICATIONS FOR FOOD ADDITIVES