



MOHANLAL  
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DEPARTMENT  
OF  
ZOOLOGY

# Topic

# Action of Salivary Amylase

*B.Sc. 3<sup>rd</sup>*

*Practical of Zoology*

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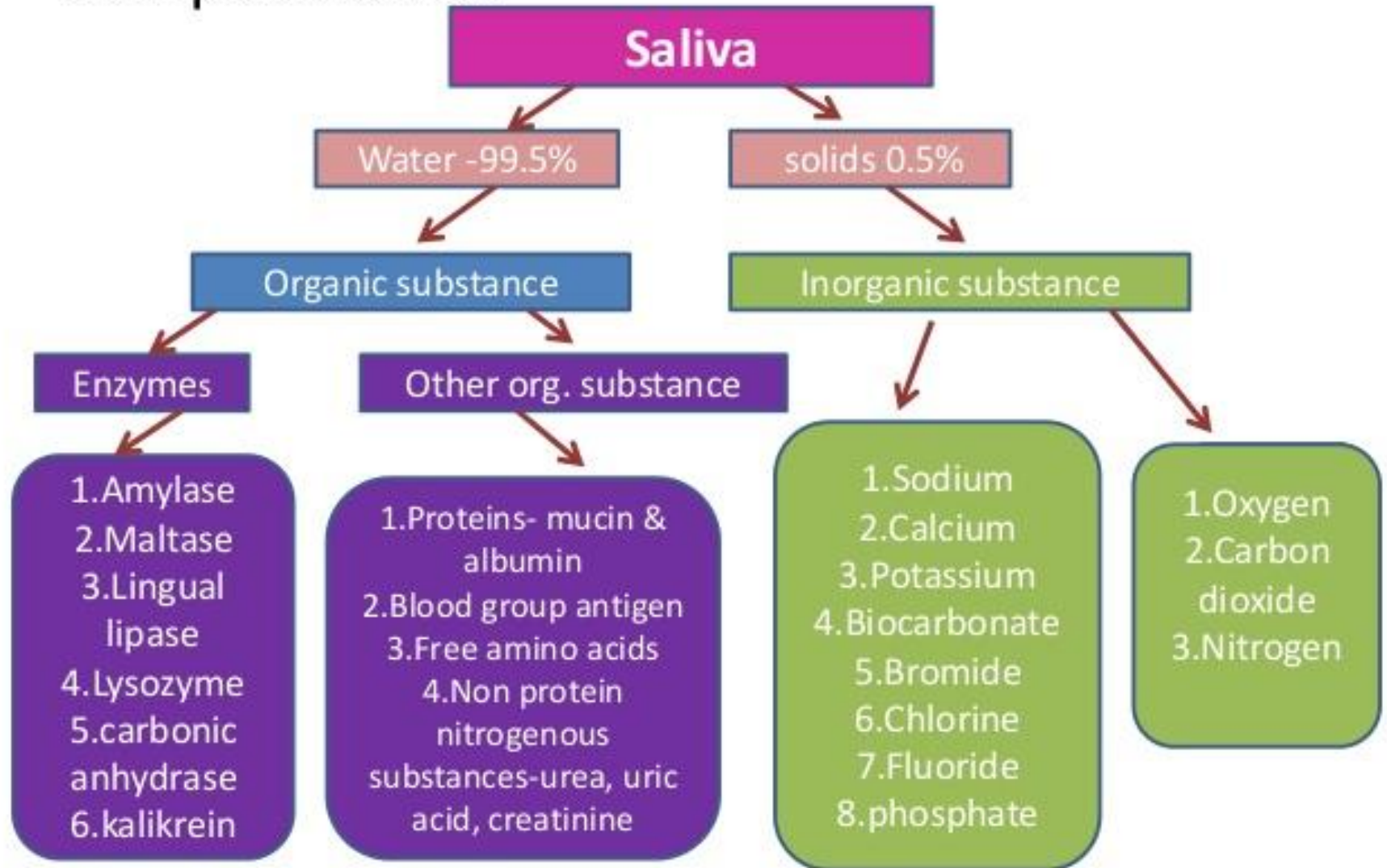
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Saliva: Is a secretion of salivary glands (Parotid , Submandibular/Sublingual)

# Functions of Saliva

	Effect	Active Constituent
Protection	Lubrication, lavage, pellicle formation	Glycoprotein Water
Buffering Action	Regulates pH	Phosphate and Bicarbonate
Digestion	Digests starch Digests lipids Bolus formation	Amylase Lingual Lipase
Facilitation of Taste	Taste bud growth and maturation, dissolves substances to carry to taste buds	Gustin
Defensive Action Against Microbes	Antibodies Hostile Environment	Lysozyme Lactoferrin IgA
Ionic Exchange Between Tooth Surface	Posteruptive Maturation of Enamel Repair	Calcium Phosphate

# Composition of







Thank You