























	Nonsulfur Purple Bacteria	Purple Sulfur Bacteria	Green Sulfur Bacteria	Cyano- bacteria	Helio- bacteria
Source of reducing power (e ⁻)	H ₂ , reduced organic	H ₂ S	H ₂ S	H ₂ O	Lactate, organic
Oxidized product	Oxidized organic	SO42-	SO42-	O ₂	Oxidized organic
Source of carbon	CO ₂ or organic	CO ₂	CO ₂	CO ₂	Lactate pyruvate
Heterotrophic growth	Common	Limited	Limited ^a	Limited ^a	Required













































