

س - اكتب معادلات البناء الضوئي ؟
 س - أذكر المجاميع البكتيرية التي درستها مع ذكر أهم خصائصها المميزة لها ؟

Selected Characteristics of Photosynthesizing Bacteria

Common Name	Example	Phylum	Comments	Electron Donor for CO ₂ Reduction	Oxygenic or Anoxygenic
Cyanobacteria	<i>Anabaena</i>	Cyanobacteria	Plantlike photosynthesis; some use bacterial photosynthesis under anaerobic conditions	Usually H ₂ O	Usually oxygenic
Green nonsulfur bacteria	<i>Chloroflexus</i>	Chloroflexi	Grow chemoheterotrophically in aerobic environments	Organic compounds	Anoxygenic
Green sulfur bacteria	<i>Chlorobium</i>	Chlorobi	Deposit sulfur granules outside cells	Usually H ₂ S	Anoxygenic
Purple nonsulfur bacteria	<i>Rhodospirillum</i>	Proteobacteria	Can grow chemoheterotrophically as well	Organic compounds	Anoxygenic
Purple sulfur bacteria	<i>Chromatium</i>	Proteobacteria	Deposit sulfur granules outside cells	Usually H ₂ S	Anoxygenic