







SIP vs. CSIA

• Both used to demonstrate biodegradation
• Both based on isotopic analysis (mostly 13 C)
• Same notation and units for expressing 13 C content $\delta^{13}C\left[\%\right] = \left(\frac{(^{13}C/^{12}C)_{\text{Sample}}}{(^{13}C/^{12}C)_{\text{Standard}}} - 1\right) \cdot 1000$ Units of δ^{13} C (delta thirteen C) are % or "per mill"























































