carbon loading

of the packing material

in liquid chromatography

Mass fraction of the packing material which is carbon. Usually taken as a guide to the extent of alkyl substitution on the surface. Usually reported as percentage carbon determined using elemental analysis.

Source:
PAC, 1997, 69, 1475 (Classification and characterization of stationary phases for liquid chromatography: Part I. Descriptive terminology (IUPAC Recommendations 1997)) on page 1477