

partition constant, K_D^0

The ratio of activity of a given species A in the extract to its activity in the other phase with which it is in equilibrium, thus:

$$(K_D^0)_A = a_{A,org}/a_{A,aq}$$

Its value should not vary with composition but depends on the choice of standard states and on the temperature (and eventually the pressure).

See *transfer activity coefficient, distribution constant*.

1993, 65, 2385