

## **loading capacity**

**Synonyms:** maximum loading, saturation capacity, saturation loading

*in solvent extraction*

The maximum concentration of solute(s) that a solvent can contain under specified conditions.

Notes:

1. The terms maximum loading, saturation capacity and saturation loading are synonymous.
2. All the above terms should clearly be distinguished from ultimate capacity.

**Source:**

PAC, 1993, 65, 2373 (*Nomenclature for liquid-liquid distribution (solvent extraction)* (IUPAC Recommendations 1993)) on page 2384