ABSTRACT

Purification of Tris-hydroxyaryl Compounds

The present invention is directed to a composition comprising a tris-hydroxyaryl compound having a metal ion impurity content of less than 10 ppm and to a process for the purification of tris-hydroxyaryl compound having a metal ion impurity, comprising at least the following steps:

a) conditioning a sulphonic acid group-containing active ion exchanger with a solvent which is suitable for the handling of the tris-hydroxyaryl compounds,

b) producing a solution of the tris-hydroxyaryl compounds to be purified in a solvent which is suitable for the handling of the tris-hydroxyaryl compounds,

c) contacting the tris-hydroxyaryl compound-containing solution from b) with the conditioned ion exchanger from a),

d) separating the tris-hydroxyaryl compound-containing solution from c) from the conditioned ion exchanger,

e) removing at least part of the solvent from the solution of the tris-hydroxyaryl compound separated in d) under low temperature stress.

Figure: None