The Claims

1. A process of purifying a polysaccharide protein conjugate from one or more contaminants comprising the steps of:
    a. contacting a crude polysaccharide protein conjugate with a mixed mode resin comprising an inert porous shell and an activated core under conditions of low conductivity that allow binding of said contaminants, and
    b. collecting the unbound polysaccharide protein conjugate in a ~~flowthrough~~ non-binding mode.

2. The process as claimed in claim 1, wherein the inert porous shell comprise of pores having a molecular weight cut off between 2000 kDa to 500 kDa.

3. The process as claimed in claim 2, wherein the molecular weight cut off is between 1000 kDa to 700 kDa.

4. The process as claimed in claim 3, wherein the activated core is immobilized with ligands comprising functional groups.

5. The process as claimed in claim 4, wherein the functional groups on the immobilized ligand comprises of an alkyl chain and an amino group.

6. The process as claimed in claim 5, wherein the alkyl chain comprises 4-14 carbons.

7. The process as claimed in claim 6, wherein the alkyl chain interacts with the contaminants by hydrophobic interactions.

8. The process as claimed in claim 7, wherein the amino group interacts with the contaminants by ionic interactions.