WHAT IS CLAIMED IS:

1. A method of improving the filtration capacity of a virus filter during protein purification, comprising subjecting a composition comprising a protein to be purified to a cation exchange step and an endotoxin removal step, simultaneously or in either order, prior to passing through said virus filter.

2. The method of claim 1 wherein the pore size of the virus filter is between 15 and 100 nm diameter.

3. The method of claim 2 wherein the pore size of the virus filter is between 15 and 30 nm diameter.

4. The method of claim 3 wherein the pore size of the virus filter is 20 nm.

~~5. The method of claim 3 or claim 4 wherein the virus to be removed is a parvovirus.~~

~~6.~~ The method of claim ~~5~~ wherein the diameter of the parvovirus is between 18 and 26 nm.

WHAT IS CLAIMED IS:

1. A method of improving the filtration capacity of a virus filter during protein purification, comprising subjecting a composition comprising a protein to be purified to a cation exchange step and an endotoxin removal step, simultaneously or in either order, prior to passing through said virus filter, wherein the virus to be removed by filtration is a parvovirus.

2. The method of claim 1 wherein the pore size of the virus filter is between 15 and 100 nm diameter.

3. The method of claim 2 wherein the pore size of the virus filter is between 15 and 30 nm diameter.

4. The method of claim 3 wherein the pore size of the virus filter is 20 nm.

5. The method of claim 4 wherein the diameter of the parvovirus is between 18 and 26 nm.

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