

**MODIFIED POLYAMINES GRAFTED TO A PARTICULATE, SOLID SUPPORT AS SORBENT
MATERIALS FOR REMOVAL OF TARGET SUBSTANCES FROM FLUIDS**

Abstract

Provided are compositions for removal of a target substance from a fluid stream, the composition comprising a polyamine; and a covalently linked hydrophobic group, wherein the polyamine is covalently linked to a support material. Also provided are processes for removal of a target substance from a fluid stream comprising contacting the fluid stream with a composition comprising a polyamine; and a covalently linked hydrophobic group, wherein the polyamine is covalently linked to a support material.

Figure 1