

Status: Currently Official on 13-Feb-2025
Official Date: Official Prior to 2013
Document Type: Reagents
DocId: GUID-700CCA33-D1CF-4D33-8B17-F944C110ED99_1_en-US
DOI: https://doi.org/10.31003/USPNF_R3963_01_01
DOI Ref: akg78

© 2025 USPC
Do not distribute

Anion-Exchange Resin, Styrene-Divinylbenzene:

Strongly basic, cross-linked resin containing quaternary ammonium groups and about 8% of divinylbenzene. It is available in the chloride form in the 50- to 100-, 100- to 200-, and 200- to 400-mesh sizes. It can be converted to the hydroxide form by regeneration with a sodium hydroxide solution (5 in 100). Insoluble in water, in methanol, and in acetonitrile. Suitable for use in column chromatography.

[NOTE—A suitable resin is Dowex 1X8, produced by Dow Chemical Co. (www.dow.com) and available through Sigma-Aldrich (www.sigma-aldrich.com).]

Auxiliary Information - Please [check for your question in the FAQs](#) before contacting USP.

Topic/Question	Contact	Expert Committee
ANION-EXCHANGE RESIN, STYRENE-DIVINYLBENZENE	Margareth R.C. Marques Principal Scientific Liaison	HDQ Headquarters

Most Recently Appeared In:

Pharmacopeial Forum: Volume No. Information currently unavailable

Current DocID: [GUID-700CCA33-D1CF-4D33-8B17-F944C110ED99_1_en-US](#)

DOI: https://doi.org/10.31003/USPNF_R3963_01_01

DOI ref: [akg78](#)

OFFICIAL