



NEW!

USP 4 dialysis adapter for drug release testing of liposomes and nanoparticle formulations.



Description

The new and patented dialysis adapter A4D for the Flow-Through USP 4 apparatus has been designed to fulfill a growing application requirement for drug release testing of liposome and nanoparticle formulations.

Since filtration of nanoparticle formulations in USP apparatus 1 and 2 can be quite difficult and challenging, the A4D adapter for Flow-Through USP 4 systems is providing a simple solution to handle these formulations.

The adapter fits the standard 22.6 mm USP cell.

One A4D kit (Art. # 11255) consists of:

Part	Art. #	Unit / Kit
Tube guide	11205	2
Main body	11203	7
End cap	11204	14
O-ring	D100-1405	100
O-ring	D100-0665	30



Choice of membranes

www.spectrumlabs.com

Scientific publication

"A novel USP apparatus 4 based release testing method for dispersed systems",
Upkar Bhardwaj and Diane J. Burgess,
International Journal of Pharmaceutics, Vol 388, Issues 1-2, 30 March 2010, pp. 287-294

More information

Need more information on Apparatus 4, the only dissolution technique which has been used for poorly soluble compounds, API's, lipidic forms (suppositories, soft gel capsules, liquid filled capsules), ER, SR, MR dosage forms, microspheres, topical products, implants, medical devices, drug eluting stents, microspheres and liposomes? Ask us!

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