

Cytotoxic Permeation Performance



Product Name:	BioClean Emerald™
Product Code:	BENS

Cytotoxic Drugs Tested	⁴	ASTM 6978-05 ¹	ASTM F 739 ²	EN 374 ³
	Specified limit	0.01 µg/cm ² /Min	0.1 µg/cm ² /Min	1.00 µg/cm ² /Min
Cisplatinum	> 480 Min (Class 6)	> 480 Min (Class 6)	> 480 Min (Class 6)	> 480 Min (Class 6)
Carmustine	12.4 Min (Class 2)	39.2 Min (Class 3)	> 480 Min (Class 6)	> 480 Min (Class 6)
Cyclophosphamide	> 480 Min (Class 6)	> 480 Min (Class 6)	> 480 Min (Class 6)	> 480 Min (Class 6)
Doxorubicin Hydrochloride	> 480 Min (Class 6)	> 480 Min (Class 6)	> 480 Min (Class 6)	> 480 Min (Class 6)
Fluorouracil	> 480 Min (Class 6)	> 480 Min (Class 6)	> 480 Min (Class 6)	> 480 Min (Class 6)
Methotrexate	> 480 Min (Class 6)	> 480 Min (Class 6)	> 480 Min (Class 6)	> 480 Min (Class 6)
Etoposide	> 480 Min (Class 6)	> 480 Min (Class 6)	> 480 Min (Class 6)	> 480 Min (Class 6)
Paclitaxel	> 480 Min (Class 6)	> 480 Min (Class 6)	> 480 Min (Class 6)	> 480 Min (Class 6)
Thio Tapa	30.5 Min (Class 3)	35.2 Min (Class 3)	> 480 Min (Class 6)	> 480 Min (Class 6)

¹ **ASTM 6978-05** – Standard practice for assessment of resistance of medical gloves to permeation to permeation by chemotherapy drugs

² **ASTM F 739 – 99a** – Standard test method for resistance of protective clothing materials to permeation by liquids or gases under conditions of continuous contact. Methodology is similar to EN374-3:2003 but permeation is measured at more stringent level of 0.1 µg/cm²/Min

³ **EN 374-3:2003** – Protective gloves against chemicals and micro organisms. Part three: Determination of resistance to permeation by chemicals

⁴ Table shows the time in minutes, after exposure to the chemical, at which the permeation rate reaches the defined limit.