

ANALYTICAL SPECIFICATION

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Phenyl-dextran 40
Catalogue No. PhD40

Description: A phenyl substituted derivative of a dextran fraction with an average molecular weight of approximately 40000.
Supplied as a white coarse powder which is moderately soluble in water.

TEST/CHARACTERISTIC	LIMITS	TEST METHOD
Appearance, colour	White	02037
Appearance, form	Powder or crystals or granules	02037
Weight average molecular weight (Mw)	Made from Dextran 40 kDa	02030
Phenyl content (A220 nm)	0.34–0.40	02024
Specific optical rotation	+150° to +170°	02008
pH	5.0–7.5	02009
Loss on drying	≤ 10%	02018
