

ANALYTICAL SPECIFICATION

Tentative

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Antonia Red-lysine-dextran 70

Catalogue No. ARLD70

Description: A lysine derivative of a dextran with a weight average molecular weight of approximately 70000. Supplied as a light purple to dark purple powder which is readily soluble in water.

TEST/CHARACTERISTIC	LIMITS	TEST METHOD
Appearance, colour	Purple	02037
Appearance, form	Powder	02037
Weight average molecular weight (Mw)	60000-100000	02030
Number average molecular weight (Mn)	To be noted	02030
Degree of substitution	0.001-0.03	02038
Emission maximum*	602 ± 3 nm	02039
Free Antonia Red dye	To pass	02040

* Exc. 582 nm in Borate Buffer pH 9.0
