

# ANALYTICAL SPECIFICATION

*Tentative*

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**Edition no:** 2605AA

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**Supersedes:** -

**Valid from:** 03-2023

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## **Antonia Red-lysine-dextran 4**

Catalogue No. ARLD4

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**Description:** A lysine derivative of a dextran with a weight average molecular weight of approximately 4000. Supplied as a light purple to dark purple powder which is readily soluble in water.

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TEST/CHARACTERISTIC	LIMITS	TEST METHOD
<b>Appearance, colour</b>	Light purple to dark purple	02037
<b>Appearance, form</b>	Powder or crystals	02037
<b>Weight average molecular weight (Mw)</b>	3000-6000	02030
<b>Number average molecular weight (Mn)</b>	To be noted	02030
<b>Degree of substitution</b>	0.001-0.03	02038
<b>Emission maximum*</b>	602 ± 3 nm	02039
<b>Free Antonia Red dye</b>	To pass	02040

\* Exc. 582 nm in Borate Buffer pH 9.0

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