

ANALYTICAL SPECIFICATION

Issued by: Gabriela Jandikova

Edition no: 1601AG

Approved by: Charlotte de Belder Tesséus

Supersedes: 1601AF

Valid from: 08-2023

TETRAMETHYLRHODAMINE HYALURONIC ACID

Catalogue No. THA-Se

Description: A fluorescent labelled Hyaluronic acid prepared from hyaluronic acid elaborated by *Streptococcus equi*. Supplied as a pink to red solid which is soluble in water.

TEST/CHARACTERISTIC	LIMITS	TEST METHOD
Appearance, colour	Light red to dark red and pink	02037
Appearance, form	Solid	02037
Weight average molecular weight (Mw)	Made from HA with Mw ~ 1.5 mil. Da	02030
Emission maximum ¹⁾	580 ± 5 nm	02035
Degree of substitution	0.001-0.015	02003
Free Tetramethylrhodamine	To pass	02006

¹⁾ Exc. 556 nm in 0.1 M Phosphate, pH 7.0
