



Certification of Analysis

Product Name: Fluoresceinamine-Labeled Sodium Dermatan Sulfate (Porcine Skin)

Code Number: CSR-FADS-B1(PgS)3

Lot Number: 20K631

Labeled Content: 3mL/vial

Date: 2020/11/26

Remark: Specifications are to be modified without notice.

	Result	Specification	Method
Appearance	yellow green solution	yellow green solution	—
Concentration of FADS	1.0mg/mL	0.9—1.2mg/mL	1)
Mw measured by GPC	16×10 ³	—	2)
Degree of Substitution*	0.6%	0.6—1.2%	3)
Maximum Wavelength of Excitation	489nm	485—500nm	3)
Maximum Wavelength of Emission	517nm	510—525nm	3)
Fluorescent Purity on Electrophoresis	no fluorescent bands other than the principal band appears	no fluorescent bands other than the principal band appears	4)
Concentration of Endotoxin	0.03EU/mL	<0.25EU/mL	5)

FADS: Fluoresceinamine-Labeled Sodium Dermatan Sulfate, Mw: Molecular Weight, GPC : Gel Permeation Chromatography

*Degree of Substitution was expressed as the molar percentage of bound fluoresceinamine groups to disaccharide units.

- 1) Bitter, T., et al.: Anal. Biochem., 4, 330 (1962)
- 2) TOSOH: TOSOH Separation Report, 38, 11
- 3) Ogamo, A., et al.: Carbohydr. Res., 105, 69 (1982)
- 4) Seno, N., et al.: Anal. Biochem., 37, 197 (1970)
- 5) Seikagaku Corp.: Package Insert of Endospecky[®]

Signature :

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