

Certificate of Analysis

Product Name: Fluoresceinamine-Labeled Sodium Chondroitin Sulfate E (E1)
(Squid Cartilage)

Code Number (Outside Japan): CSR-FACS-E1(SqC)3

Code Number (Japan): FACS-E1(SqC)3

Lot Number: 24J912

Labeled Content: 3 mL/vial

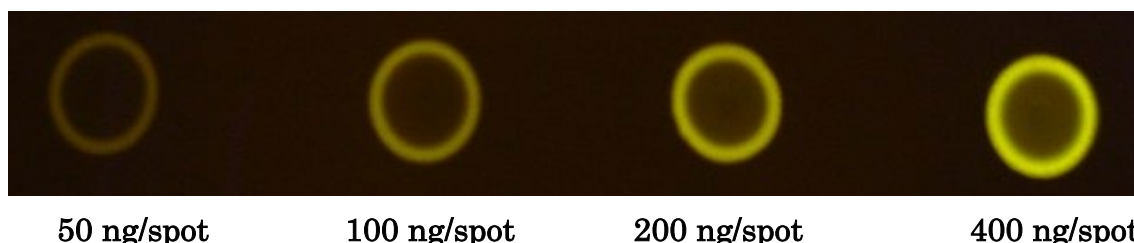
Date: 2024/10/11

Remark: Specifications are to be modified without notice.

	Result	Specification	Method
Appearance	yellow green solution	yellow green solution	—
Concentration of FACS	1.0 mg/mL	0.9—1.2 mg/mL	1)
Mw by GPC	50×10^3	—	—
Degree of Substitution*	1.0%	0.6—1.2%	2)
Detection Limit on a Trans-Illuminator	50 ng/spot (The image below)	≤ 100 ng/spot	—
Maximum Wavelength of Excitation	487 nm	485—500 nm	—
Maximum Wavelength of Emission	520 nm	510—525 nm	—
Fluorescent Purity on Electrophoresis	no fluorescent bands other than the principal band appears	no fluorescent bands other than the principal band appears	3)
Concentration of Endotoxin	0.04 EU/mL	< 0.25 EU/mL	4)

FACS: Fluoresceinamine-Labeled Sodium Chondroitin Sulfate, Mw: Molecular Weight, GPC : Gel Permeation Chromatography

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





COSMO BIO CO., LTD.
Inspiration for Life Science

- 1) Bitter, T., et al.: Anal. Biochem., 4, 330 (1962)
- 2) Ogamo, A., et al.: Carbohydr. Res., 105, 69 (1982)
- 3) Seno, N., et al.: Anal. Biochem., 37, 197 (1970)
- 4) Seikagaku Corp.: Package Insert of Endospecy®:

Signature :

Satoshi Miyauchi



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