



Certificate of Analysis

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

Code Number (Outside Japan): CSR-FADS-B2(PgS)3

Code Number (Japan): FADS-B2(PgS)3

Lot Number: 20K633

Labeled Content: 3 mg/vial

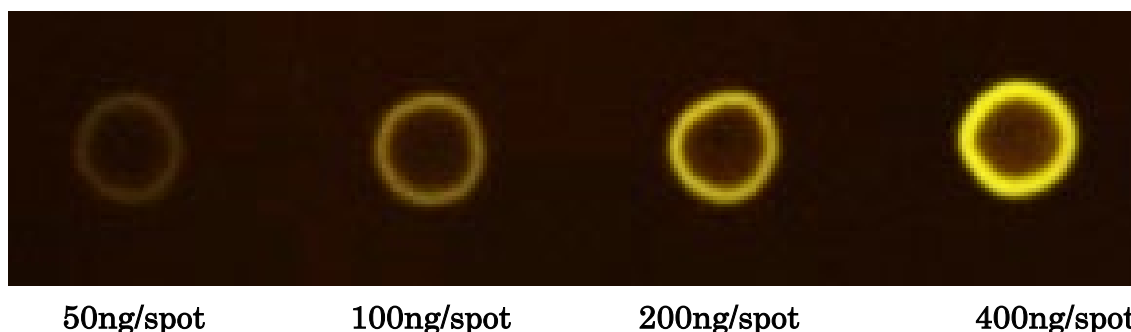
Date: 2020/11/26

Remark: Specifications are to be modified without notice.

	Result	Specification	Method
Appearance	yellow-orange amorphous block or powder (lyophilizate)	yellow-orange amorphous block or powder (lyophilizate)	—
Content	2.9 mg/vial	2.7—3.6 mg/vial	1)
Mw by GPC	17×10^3	—	—
Degree of Substitution*	0.6%	0.6—1.2%	2)
Detection Limit on a Trans-Illuminator	50ng/spot (The image below)	≤ 100 ng/spot	—
Maximum Wavelength of Excitation	488 nm	485—500 nm	—
Maximum Wavelength of Emission	518 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)

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)

Signature :

Satoshi Miyauchi



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