

CERTIFICATE OF ANALYSIS

Product No.

E130W

Lot No.

GG01A-GR

Sulfo-SMCC

**3-sulfo-N-hydroxysuccinimidyl-4-(N-maleimidomethyl)
Cyclohexane-1-carboxylate sodium salt**

Comments: Non-cleavable and membrane impermeable water-soluble heterobifunctional reagent. Reacts toward sulfhydryl and primary amine groups. NHS ester reacts with primary amine at pH 7-9. Maleimide reacts with thiols at pH 6.5-7.5. The cyclohexane ring makes the maleimide group more stable up to pH 7.5.

CAS No: 92921-24-9

Mol. Formula: C₁₆H₁₇N₂NaO₉S

Mol. Weight: 436.37

Assay: Min. 95%

Storage: -20 °C under argon. Very hygroscopic.

Expiry Date: No expiry if stored correctly. Recommended test one year upon opening.

TEST	SPECIFICATIONS	LOT RESULT
Appearance (Colour/Form):	White solid to off-white solid	White solid
¹ H-NMR:	Conforms to structure Min. 95%	Conforms >95%

Quality Release Date: 01/07/2015

Quality Retest Date: --/--/----

Approved:


Quality Control Technician

Reviewed:


Production Manager

Cyanagen warrants that its products conform to the information contained in this and other Cyanagen publications. Purchaser must determine the suitability of the product for its particular use. The values given on the 'Certificate of Analysis' are the results determined at the time of analysis.