

## CERTIFICATE OF ANALYSIS

**Product No.**

E130W

**Lot No.**

IE08A-AR

### 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:** C<sub>16</sub>H<sub>17</sub>N<sub>2</sub>NaO<sub>9</sub>S

**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	Off-white solid
<sup>1</sup> H-NMR:	Conforms to structure Min. 95%	Conforms to structure Min. 95%

**Document Release Date:** 08/05/2017

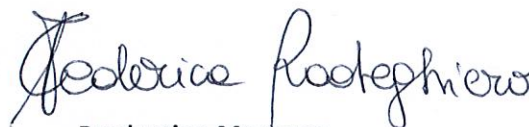
**Document Revision:** 00

**Approved:**



**Quality Control Technician**

**Reviewed:**



**Production Manager**

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