

CERTIFICATE OF ANALYSIS

Product No.

E011W

Lot No.

DE24A-AR

GMBS

N-Succinimidyl 4-maleimidobutyrate

Comments:

Non-cleavable and water-insoluble aliphatic heterobifunctional reagent longer than BMPS. 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.

CAS No: 80307-12-6

Mol. Formula: C₁₂H₁₂N₂O₆

Mol. Weight: 280.20g/mol

Assay: ≥98%

Storage: -20°C under Argon

Expiry Date: No expiry if stored correctly. Recommended retest 09/2016

TEST	SPECIFICATIONS	LOT RESULT
Appearance (Colour/Form):	White to off white to slightly pinkish	Slightly pinkish solid
¹ H-NMR:	Conforms to structure Min. 98%	Conform, >98%
Melting Point (°C):	123-125°C	124-125°C

Quality Release Date: 24/05/2012

Quality Retest Date: 10/09/2014

Approved:

R. Perini
Quality Control Technician

Reviewed:

F. Rodeghiero
Dr. F. Rodeghiero
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.