

## CERTIFICATE OF ANALYSIS

**Product No.**

**E020W**

**Lot No.**

**BE18A-MZ**

### MBS

3-Maleimidobenzoic acid N-hydroxysuccinimide ester

**Comments:**

Non-cleavable and water-insoluble aromatic 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 aryl maleimide is less stable than alkyl maleimide linkers.

**CAS No:** 58626-38-3

**Mol. Formula:** C<sub>15</sub>H<sub>10</sub>N<sub>2</sub>O<sub>6</sub>

**Mol. Weight:** 314.30

**Assay:** Min.99%

**Storage:** -20°C, under Argon

**Expiry Date:** No Expiry

TEST	SPECIFICATIONS	LOT RESULT
<b>Appearance (Colour/Form):</b>	White to off-white powdery solid	Off-white solid
<b><sup>1</sup>H-NMR:</b>	Conform to structure, Min99%	Conforms, >99%
<b>Melting Point (°C):</b>	175-177°C	176-178°C

**Document Release Date:** 02/05/2016

**Document Revision:** 01

**Approved:**

  
**Quality Control Technician**

**Reviewed:**

  
**Production Manager**

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