

## CERTIFICATO DI ANALISI - CERTIFICATE OF ANALYSIS

LOTTO/LOT	ARTICOLO/ARTICLE	data/date	Expiry date
<b>LYS1617</b>	<b>MCB12F-LYS-L</b>	<b>30/08/17</b>	<b>09/2019</b>

Biomat hereby certifies that this lot has been manufactured according to applicable standard operating procedures, current ISO 9001:2008 regulation.

This product has been tested and has passed all established specifications

### TEST PROTOCOL

This test measures the interaction of Biotin ester (NHS-biotin) with the ε- amino groups on Lysine available for multipurposes interactions

#### Method of analysis -reactivity

Coating solution: 0.78 - 0.19 - 0.09 - 0 µg/ml NHS-biotin solutions diluted in 0.1M PBS-Tween<sup>®</sup> 20 0.15% pH 7.2

Conjugate: 50 ng/ml streptavidin-HRP

value	Specification	Lot results
OD at 0	< 0.25	0.161
OD at 0.78	> 2.000	3.434
OD 0/ OD 0.09	≤ 0.3	0.06

#### Method of analysis -uniformity

Coating solution: 3.125 µg/ml NHS-biotin solution diluted in 0.1M PBS- Tween<sup>®</sup> 20 0.15% pH 7.2

Conjugate: 50 ng/ml streptavidin-HRP + 1 µg/ml streptavidin

<b>Results: &lt; 10%</b>
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**Dr. Maurizia Pettenati**  
 Quality Control manager

*Copia conforme al certificato originale firmato e conservato presso i nostri archivi  
 Original signed certificate is filed in our offices*