

CERTIFICATE OF ANALYSIS

| | | |
|------------------------------------|---------------------|---------------|
| Proteasome Inhibitor MG-132 | Cat. No. : | 33766 |
| | Contr. No. : | 180360 |

| Parameter | Method | Specification | Result |
|----------------------------|------------------------------|------------------------------------------------------------------------------------------------------|-------------|
| Amino acid-sequence | | Z-Leu-Leu-Leu-CHO | |
| Formula | | C ₂₆ H ₄₁ N ₃ O ₅ | |
| Molecular weight | | 475.62 | |
| Appearance | | white lyophilisate | corresponds |
| Assay (%) | HPLC | min. 90.0 | corresponds |
| Purity (%) | from N elemental analysis | | 100.2 |
| Solubility | | soluble in DMSO | corresponds |
| Advise | | do not use an aqueous buffer substitute for DMSO because this compound may racemize soon | |
| Minimum shelf life | | | 29.03.2020 |
| Storage / Stability | powder | at -15 to -25 °C in the dark for more than one year | |
| | solution | at -15 to -25 °C for more than one month if it is protected from moisture and kept in the dark | |

**We do not guarantee that the product can be used for a special application.
This document does not release you from performing the standard control upon receipt of incoming goods.**

SERVA Electrophoresis GmbH
Quality Control

Printing date: 09.04.2018

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