

Certificate of Analysis

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|--|--|----------------------------|---|------------|-------------------|-------|-------|------------|
| Product Name | PMA, 20 mM in water | | | | | | | |
| Cat.No. | P4051 | Storage Conditions | -20°C&protect from light | | | | | |
| Lot.No. | 260227L01-01 | Expiration Date | 26-02-2029 | | | | | |
| Molecular Formula | C ₂₇ H ₃₂ Cl ₂ N ₆ | Molecular Weight | 511.5 | | | | | |
| CAS Number | N/A | Excitation Emission | Ex (pH 3) = 464 nm (before photolysis) Ex/Em(after photocrosslinking to nucleic acid) = 510/610 nm | | | | | |
| Quality Control | | | | | | | | |
| Items | Specification | | Result | | | | | |
| Packaging appearance | Intact and undamaged | | Intact and undamaged | | | | | |
| Appearance | Orange red liquid | | Orange red liquid | | | | | |
| Weight/volume | 100-106μl | | 100μl | | | | | |
| Appendix | | | | | | | | |
| | Standard | | | AVG | Test | | | AVG |
| Live bacteria+PMA | 16.9 | 16.77 | 16.64 | 16.77 | 17.49 | 17.25 | 17.38 | 17.37 |
| Dead bacteria+PMA | 30.47 | 30.35 | 30.8 | 30.54 | 31.3 | 31.3 | 30.96 | 31.19 |
| Live bacteria | 15.9 | 15.82 | 15.77 | 15.83 | 15.9 | 15.82 | 15.77 | 15.83 |
| Dead bacteria | 16.37 | 16.16 | 16.21 | 16.25 | 16.37 | 16.16 | 16.21 | 16.25 |
| This Product has been tested and the components have been found to conform to UE quality standards | | | | | | | | |
| Conclusion | Up to standard | | Report Date | | 03-03-2026 | | | |
| QC | <i>Chen ming Jiang</i> | | QA | | <i>Qiu Hua-Yu</i> | | | |

