



# Specification

1.07233.0000 Phenolphthalein indicator ACS,Reag. Ph Eur

| Specification                                                                                            |                                                     |    |
|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------|----|
| Identity (UV/VIS-Spectrum)                                                                               | passes test                                         |    |
| Appearance                                                                                               | White to yellowish<br>white powder                  |    |
| Clarity of the alcoholic solution (10 g/l ethanol)                                                       | passes test                                         |    |
| Absorption maximum $\lambda_{\max}$ (buffer pH 9.8)                                                      | 551 - 554                                           | nm |
| Spec. Absorptivity A 1%/1cm ( $\lambda_{\max}$ ; 0.01 g/l; buffer pH 9.8; calculated on dried substance) | 700 - 750                                           |    |
| Transition range                                                                                         | pH 8.2 - pH 9.8<br>almost colorless -<br>red-violet |    |
| Transition range (according to ACS)                                                                      | passes test                                         |    |
| Transition interval (according Reag. Ph Eur)                                                             | passes test                                         |    |
| Loss on drying (105 °C)                                                                                  | ≤ 1                                                 | %  |

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Responsible laboratory manager quality control

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