

# Certificate of analysis

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|-------------------------------|--|
| Product No.:                  | A12355                                   |
| Product:                      | L-Serine methyl ester hydrochloride, 98% |
| Lot No.:                      | 5004P15M                                 |
| Appearance                    | White crystalline powder                 |
| Melting point                 | 155(Dec) °C                              |
| Assay (titration ex chloride) | 98.9%                                    |
| Optical rotation(OR)          | +4.2 °                                   |
| KF                            | 0.05%                                    |

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