

E-4-NP-G7 (EPS) – PG7-01C

SPECIFICATIONS

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|---|---|
| CAS: | 96597-16-9 |
| Name: | Ethylidene-4-nitrophenyl- α -D-maltoheptaoside |
| Form: | Slightly yellowish powder |
| Formula: | C ₅₀ H ₇₇ NO ₃₈ |
| Formula weight: | 1300.1 |
| Solubility (7%, H ₂ O): | Clear solution |
| EPS (enzym.) | > 90% |
| H ₂ O (KF): | < 3 % |
| 4-NP-G7 (enzym.): | < 0.3 % |
| 4-Nitrophenol free: | < 0.01 % |
| React. Rates (α -amylase) in PNU, ml: | 95–105 % |
| React. Rates (α -amylase) in PPU, ml: | 95–105 % |
| Storage: | 2 - 8 °C. Protect from moisture |
| Stability: | Stable at least 2 years at 2 – 8 °C. |

CONTACTS

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APPLICATIONS

This substrate is used in the determination of α -Amylase.