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# Certificat of analysis

**Commercial Name:** PCTA

**Chemical Name:** 2,2',2''-(1,4,7,10-Tetraaza-2,6-pyridinophane-1,4,7-triyl)triacetic acid

**Mw:** 380,40 g.mol-1

**Formule:** $C_{17}H_{24}N_4O_6$

**Sample from batch #** 108 251023 F1

| | SPECIFICATIONS | RESULTS |
|---|---|---|
| **Appearance** | White to yellow solid | Whitish powder |
| **Identification** | | |
| NMR $^1H$ | Conform to reference's spectrum | Conform to reference's spectrum |
| Mass | Conform to reference's spectrum | Conform to reference's spectrum |
| **Analysis** | | |
| HPLC | > 95% **at** 201 nm | 98 % |
| Elemental analysis | **Δ%C, N < 0,4** | Conform with: $C_{17}H_{24}N_4O_6 + 1.8\ H_2O$ Fw: 412,83 g/mol |

Manufacturing date : 06/12/2023

Retest date : 12/2025

| | | |
|---|---|---|
| **Date 14/12/2023** | **Head of Quality control** | **M. BIANCO** 14 DEC. 2023 |