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# Certificat of analysis

**Commercial Name:** p-NCS-benzyl-DOTA-GA

**Chemical Name:** 2,2',2''-(10-(1-carboxy-4-((4-isothiocyanatobenzyl)amino)-4-oxobutyl)-1,4,7,10-tetraazacyclododecane-1,4,7-triyl)triacetic acid

**Mw:** 622,69 g.mol-1

**Formule:** $C_{27}H_{37}N_5O_{10}S$

**Sample from batch #** 115 291123 F1

| | SPECIFICATIONS | RESULTS |
|---|---|---|
| **Appearance** | From white to pale yellow powder | White 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 | 96 % |
| Elemental analysis | **Δ%C, N < 0,4 %** | Conform with: $C_{27}H_{37}N_5O_{10}S$, 2HCl, $H_2O$ Fw: 713,63 g/mol |

Manufacturing date :04/12/2023

Retest date : 12/2024

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|---|---|---|
| **Date 15/12/2023** | **Head of Quality control** | M. BIANCO 15 DEC. 2023 |