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CERTIFICATE OF ANALYSIS

Commercial name: (R)-DOTA-GA(tBu)$_4$
Chemical name: 5-(tert-butoxy)-5-oxo-4-(4,7,10-tris(2-(tert-butoxy)-2-oxoethyl)-1,4,7,10-tetraazacyclododecan-1-yl)pentanoic acid
Mw: 700,90 g.mol^{-1}
Chemical formula $C_{35}H_{64}N_4O_{10}$
Sample from batch # 114 G 051222 F1
Storage temperature: - 20°C ± 5°C

	SPECIFICATIONS	RESULTS
Appearance		
Appearance - *Visual inspection*	From yellow solid to white powder	White powder
Identification		
Identification - *^{1}H NMR*	Conform to reference spectrum	Conform to reference spectrum
Identification - *MS*	701,90 ± 1 (m + 1) g/mol	702,2 g/mol
Analysis		
Chemical purity - *HPLC - UV*	≥ 95 %	99 %
Enantiomeric purity - *HPLC - UV*	For information	98 %
Pd content – *ICP-AES*	For information	3,9 ppm
Elemental analysis - *OEA*	Δ%C, Δ%N < 0,4	Conform with $C_{35}H_{64}N_4O_{10}$ + 0,5 H_2O Mw = 709,9 g/mol

Manufacturing date: 09/01/2023
Retest date: N/A

Head of Quality Control / Quality Assurance	Stamp
Matthieu BIANCO, le 15/02/2023	CheMatech macrocycle design technologies 2, rue Pauline Kergomard - 21000 Dijon - France SAS au capital de 995 085 Euros RCS DIJON 917 877 094 SIRET 917 877 094 00016 - APE 7112 B

Version	Date	Modification
1	17/01/2023	Creation of the CoA
2	15/02/2023	Correction of batch number