Chematech SAS
2 Rue Pauline Kergomard
21000 Dijon FRANCE
VAT: FR 47 917 877 094
Tel :(33) (0)3 80 44 19 00
Fax:(33) (0)3 80 44 19 01
E-mail : quality@chematech-mdt.com
Web : www.chematech-mdt.com

CheMatech
macrocycle design technologies

Certificat of analysis

Commercial Name: DOTA-NHS Ester

Chemical Name: 2,2',2''-(10-(2-(2,5-dioxopyrrolidin-1-yloxy)-2-oxoethyl)-1,4,7,10-tetraazacyclododecane-1,4,7-triyl)triethanoic acid

Mw: 501,2 g.mol-1

Formule: $C_{20}H_{31}N_5O_{10}$

Sample from batch # 084 291121 F1

	SPECIFICATIONS	RESULTS
Appearance	White powder	
Identification		
NMR ^1H	Conform to reference's spectrum	Conform to reference's spectrum
Analysis		
HPLC	95 % **at** 201 nm	100 %
Elemental analysis	**Δ%C, N < 0,4 %**	Conform with: $C_{20}H_{31}N_5O_{10}$, 1,2 HPF_6, 1,8 TFA Fw: 881,90 g/mol

Manufacturing date : 03/12/2021
Reanalysis date : 21/08/2023
Retest date : 08/2025

Date 28/08/2023	**Head of Quality control**	P.O. Frédéric [illegible] 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