CERTIFICATE OF ANALYSIS

N° CA-C- FSRA180426

Product: Resin SR Grade A Particle size: 100-150 µm
Lot # FSRA180426

This SR Resin Lot has been manufactured according to TrisKem's standard operating procedures. This lot has been tested in accordance with TrisKem's quality control policy and procedures. This lot meets all TrisKem quality specifications. This resin is warranted for 2 years after the day of delivery.

RESULTS OF ANALYSIS

Test Values	Specifications	Results
Appearance	White beads	Pass
Total organic carbon in the eluate (NPOC method) in µg.mL^{-1}	≤ 25	20,0
Maximum Sr capacity in 3.1 M nitric acid in mg Sr.g^{-1} resin	≥ 25	26,7
Filling height in mm	≥ 39	45,1
Flow rate (D) in mL.min^{-1}	0,6 ≤ D ≤ 0,8	0,63
% Sr stripped in 0.05M HNO_3 (5 replicats)		
Least acceptable mean in %	≥ 85,0	89,2
Max. standard deviation in %	≤ 2,5	0,4
% Ca stripped in 0.05M HNO_3 (5 replicats)		
Highest acceptable mean in %	≤ 0,5	0,1
Max. standard deviation in %	≤ 0,25	0,2
% Ba stripped in 0.05M HNO_3 (5 replicats)		
Highest acceptable mean in %	≤ 0,5	0,4
Max. standard deviation in %	≤ 0,25	0,1
% Y stripped in 0.05M HNO_3 (5 replicats)		
Highest acceptable mean in %	≤ 0,5	0,0
Max. standard deviation in %	≤ 0,25	0,0
% Y stripped in 8M HNO_3 (5 replicats)		
Least acceptable mean in %	≥ 95,0	95,7
Max. standard deviation in %	≤ 2,5	1,3

Fabrication Date resin: 26/04/2018
Fabrication Date columns: 31/05/2018

05/06/2018
Date

Steffen Happel
Quality Control Manager

Version en vigueur	Stockage	Accès	Conservation	page
11/02/2016	Informatique - papier	Libre	5 ans	1/1

TRISKEM INTERNATIONAL
ZAC de l'Eperon – 3, rue des Champs Géons – 35170 Bruz – FRANCE
Tel +33 (0)2.99.05.00.09 – Fax +33 (0)2.23.45.93.19 – www.triskem.com – email : contact@triskem.fr
SAS au capital de 40.000 euros – SIRET 493 848 972 00029 – APE 2059Z – TVA intra communautaire FR65 493 848 972