



Certificate of analysis

Reference #: 2019071– 021/191

Manufacturing date: Oct-31-19

Analysis date: Oct-31-19

Expiration date: Oct-31-20

Product name	Tantalum(V) butoxide, min. 98 % (99.99%-Ta)				
Ereztech #	TA4781	CAS#	51094-78-1	Purity	98.5% by gravimetric analysis
Lot/batch #	021/191	Net weight/volume	1250g	Addl' info	
Packaging	1 glass bottle	Storage	Moisture sensitive. Shelf life 1 year.		
CofO	Russia				

Analytical results				
Appearance	Slightly yellow liquid			
Gravimetric analysis	%Ta = 32.6 (after ignition to oxide)			
Purity	98.5%			
ICP				
Impurity weight, ppm	Element	ppm	Element	ppm
	Co	0.03	Cr	0.3
	Ti	0.4	Mn	0.06
	Al	0.9	Fe	3
	Si	5	Ni	0.06
	Sn	0.06	Nb	3
	Ca	10	W	0.2
	Mo	0.06		