

CERTIFICATE OF ANALYSIS

according to EN 10 204 - 3.1

Material:	Zirconium Acetate Solution 30%		
Customer:	BASF Corporation, USA		
Quantity:	4350 kg	Date of delivery:	May 10, 2018
P.O. No.:	4943668031	Reference No.:	1700002209 Rel 3
G-PS No.:	0158 Rev. 17	Part No.:	500057231
Lot-No.:	BZRAC16/17	Specification TIAG:	K-577-SE, R0

	Results	Limits of specification	
Na	< 0,01	max. 0,03	%
Cl	< 0,01	max. 0,01	%
K	< 0,01	max. 0,01	%
Cr	< 1	max. 10	ppm
Nb	< 2	max. 100	ppm
Cd	< 1	max. 10	ppm
Yb	< 1	max. 100	ppm
Lu	< 1	max. 100	ppm
Re	< 1	max. 100	ppm
Hg	< 1	max. 10	ppm
Pb	< 1	max. 10	ppm
SiO ₂	< 0,01	max. 0,07	%
TiO ₂	< 0,01	max. 0,15	%
Fe ₂ O ₃	< 0,01	max. 0,01	%
Y ₂ O ₃	< 1	max. 200	ppm
HfO ₂	0,6	max. 0,9	%
physical data			
Specific density	1,46	1,41 – 1,49	g/cm ³
Solids (ZrO ₂ + HfO ₂)	30,4	29,5 – 30,5	%
pH-value	3,2	3,0 – 3,5	

The above mentioned product was analyzed and meets the specification

