

CERTIFICATE OF ANALYSIS

according to EN 10 204 - 3.1

Material:	Zirconium Acetate Solution 30%		
Customer:	BASF Corporation, USA		
Quantity:	14500 kg 5800 kg	Date of delivery:	20170426 Feb 1 2018
P.O. No.:	4941270642	Reference No.:	1500001560 1600002515 Rel 60
G-PS No.:	0158 Rev. 17	Part No.:	500057231

Lot-No.:	BZRAC10/17	Specification TIAG: K-577-SE, R0
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	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)	30,2	29,5 – 30,5	%
pH-value	3,3	3,0 – 3,5	

The above mentioned product was analyzed and meets the specification

