

CERTIFICATE OF ANALYSIS

according to EN 10 204 - 3.1

Material:	Zirconium Acetate Solution 30%		
Customer:	BASF Corporation, USA		
Quantity:	14500 kg	Date of delivery:	2018/04/17
P.O. No.:		Reference No.:	1500001569
G-PS No.:	0158 Rev. 17	Part No.:	500057231

Lot-No.:	BZRAC02/18	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	0,5	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

