

CERTIFICATE OF ANALYSIS

according to EN 10 204 - 3.1

Material:	Zirconium Acetate Solution 30%		
Customer:	BASF Corporation, USA		
Quantity:	15850 kg 5800 kg	Date of delivery:	20170419 11-Jan-2018
P.O. No.:	4941270639	Reference No.:	1500001569 1600002515 Rel 57
G-PS No.:	0158 Rev. 17	Part No.:	500057231

Lot-No.:	BZRAC09/17	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

