



Specification – Aluminium Fluoride

Chemical analysis	Guarantee	Typical	Method	Reference method
AIF ₃	97,0–98,0 %	97,5 %	XRF	ISO 2362
SiO ₂	max 0,1 %	0,04 %	XRF	ISO 2369
P ₂ O ₅	max 0,02 %	0,01 %	XRF	ISO 5930
Fe ₂ O ₃	max 0,02 %	0,01 %	XRF	ISO 2368
SO ₃	max 0,02 %	<0,01 %	XRF	ISO 5938
LOI	max. 1 %	0,6 %	550°C, 30 min.	
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Bulk density	By filling	740–800 kg/m ³		
	By shaking	840–900 kg/m ³		
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Sieve analysis	Mesh No	mm	Typical	
	170	>0,090	70 %	
	230	>0,063	20 %	
	325	>0,045	6 %	
	325	<0,045	4 %	

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