

**ZIBO KUNRAN ENTERPRISES CO LTD.**

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Certificate of Analysis

Product Name: Ruthenium trichloride		Production Date		20200218
		Report Date		20200220
Batch No.	20200219	Appearance	Beige	Executive Standard HG/T 3679-2011
Batch Weight (kg)	3KG	Grade	——	
Chemical Composition (%)				
Quality Standard				Analysis Result
Content of Ru			≥37%	37.10%
Maximum Concentration of Elements	Fe		≡ 0.012	0.0038
	Na		≡ 0.012	0.0042
	Ca		≡ 0.012	0.0061
	Mg		≡ 0.006	0.0037
	Cu		≡ 0.006	0.0029
n-butanol Insolubles			≡ 0.50	0.34
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