



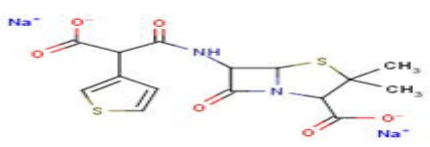
HANGZHOU DINGYAN CHEM CO.,LTD

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CERTIFICATE OF ANALYSIS

NO: **DYC041705233**

Product name	Ruthenium(III) chloride hydrate
CAS Number	14898-67-0
Molecule Structure	
Molecule Formula	$RuCl_3 \cdot xH_2O$
Batch number	20170402
Manuf Date	2017-04-02
Testing date	2017-04-03

Items	Standard	Result
Appearance	Black crystal, easy to absorb moisture, soluble in water and alcohol, in case of strong heat, easy to decompose.	Complies
Ru	37%min	37.5%
Purity	99.90%min	99.95%
Insoluble matter	0.050% max	0.05% max
Pd	0.0050% max	0.0020%
Pt	0.050% max	0.0015%
Ag	0.050% max	0.0010%
Cr	0.050% max	0.0010%
Fe	0.050% max	0.0010%
Mn	0.050% max	0.0010%
Si	0.050% max	0.0010%
Al	0.050% max	0.0010%
Ca	0.050% max	0.0010%
Mg	0.050% max	0.0010%
Cu	0.050% max	0.0010%
Zn	0.050% max	0.0005%
Pb	0.005% max	N. D.

Hangzhou Dingyan Chem Co., Ltd.
QUALITY CONTROL: *Cristina*
Quality Control
Signature(s)

CHECK: 姚仙娟

INSPECTOR: 刘清风

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