



HANGZHOU DINGYAN CHEM CO.,LTD

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CERTIFICATE OF ANALYSIS

NO: DYC041703061

Product name	Yttrium(III) nitrate hexahydrate
CAS Number	13494-98-9
Molecule Structure	
Molecule Formula	Y(NO ₃) ₃ ·6(H ₂ O)
Batch number	20170228
Manuf. Date	2017-02-28
Testing date	2017-02-29

Items	Standard	Result
Total oxide/TERO	29.75%min	29.75%min
Y2O3 / TERO	99.999%min	99.999%min
La2O3	1% max	1% max
CeO2	1% max	1% max
Pr6O11	0.5% max	0.5% max
Nd2O3	0.5% max	0.5% max
Sm2O3	1% max	1% max
Fe2O3	2% max	2% max
PO4 ³⁻	2% max	2% max
SO4 ²⁻	20% max	20% max
Cl ⁻	35% max	35% max
CaO	0.003% max	0.003% max
PbO	3% max	3% max
SiO2	5% max	5% max
Water solubility test	qualified	qualified

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

CHECK: 姚仙娟

INSPECTOR: 刘清风