



HANGZHOU DINGYAN CHEM CO., LTD  
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## CERTIFICATE OF ANALYSIS

NO: DYC081410147

Product name	Lithium metaborate, 99.99%
CAS Number	13453-69-5
Molecule Structure	$\text{HO} - \text{B} = \text{O}$ $- \text{Li}$
Molecule Formula	BLiO <sub>2</sub>
Batch number	1407012
Manuf&Exp. Date	2014-07-29, 2016-07-28
Testing date	2014-07-29

Items	Standard	Result
Appearance	White powder	White powder
Li <sub>2</sub> B <sub>4</sub> O <sub>7</sub>	99.99%min	99.99%min
Al	0.001% max	0.0002%
As	0.0001% max	0.0001% max
Ca	0.001% max	0.0006%
Cu	0.0005% max	0.0001% max
Fe	0.0005% max	0.00044%
K	0.0005% max	0.0002%
Mg	0.0005% max	0.0001%
Na	0.0005% max	0.0004%
Pb	0.0002% max	0.0002% max
Si	0.001% max	0.0006%
P	0.0002% max	0.0002%
S	0.001% max	0.001% max
Bulk density	0.58-0.7g/cm <sup>3</sup> min	0.61g/cm <sup>3</sup>
LOI (650Deg. C, 1h)	0.4% max	0.30%

Hangzhou Dingyan Chem Co., Ltd.  
Quality Control  
QUALITY CONTROL: *Pauls* CHECK: 姚仙娟 INSPECTOR: 刘清风

ADD:RM 1118, NO.I BUILDING, BAIYUN TOWER, JIANGGAN AREA, HANGZHOU CITY, CHINA