



宁波泰达进出口有限公司

NINGBO TIDE IMP.& EXP.CO.,LTD.

地址: 杭州市求是路8号公元大厦南7楼

ADD: 7/F, Tower South, Anno Domini Building,

邮编: 310013

8 Qiushi Road, Hangzhou(310013), China

TEL: +86-571-89937933

FAX: +86-571-89937770 85270005

Email: [hmx@tide-china.com](mailto:hmx@tide-china.com)

Website: [www.tide-china.com](http://www.tide-china.com)

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## ANALYSIS CERTIFICATE

Code : SMP-QC121-00-1

NO. ZCT12052201

Product: Guanosine Triphosphate Disodium salt (GTP- $\text{Na}_2$ )	
Batch No.: 120516	Quantity: 4.53kg
Date of Manufacture: May.16,2012	Date of Analysis: May.21,2012
Date of Certificate: May.22,2012	Date of Expire: May.15,2014
Analysis according: Q/HMY 10-2007	

Items	Requirements	Results
Description	White powder or off-white powder , easily soluble in water,practically insoluble in ethanol or ether.	Conforms
Absorption ratio	$A_{250} / A_{260} = 0.92 \sim 1.00$ $A_{280} / A_{260} = 0.65 \sim 0.69$	0.97 0.67
pH	3.0~5.0	4.0
Clarity of Solution and Color	Should be clear and colorless	Conforms
Protein	Should not be turbid	Conforms
Purity (HPLC)	not less than 90.0%	91.0%
Loss on drying	not more than 15.0%	10.5%
Contents (on dry basis)	not less than 85.0%	87.9%

**Conclusion:** Meets the Requirements of Q/HMY 10-2012

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杨红宇