



HAIHANG INDUSTRY CO., LTD.
11/F, SANQING FENGRUN BUILDING, NO. 100 SOUTH GONGYE ROAD,
JINAN CITY, SHANDONG PROVINCE, CHINA. P.C.: 250100
EMAIL: export023@haihangchem.com WEBSITE: www.haihangchem.com

CERTIFICATE OF ANALYSIS

Product Name:	1,3-Propanediol		
CAS No.:	504-63-2	Quantity	1000KG
Rep Date	Feb.11.2014	Batch NO.	20140211
MFG. Date	Feb.11.2014	Expiry Date	Feb.10.2016

Items	Specification	Results
Appearance	Colorless Transparent Liquid	Colorless Transparent Liquid
Assay (GC)	99% min	99.8%
Water content (K.F.)	0.20% min	0.09%
Conclusion	The results conforms with enterprise standards	

Analyst: Liya

Checker: Weichen

Q.C. Director: Xuleilei

For and on behalf of
HAIHANG INDUSTRY CO., LTD.

Authorized Signature(s)