



宁波华佳化工有限公司
NINGBO HUAJIA CHEMICAL CO., LTD.

CERTIFICATE OF ANALYSIS

PRODUCT NAME	1,2-Propanediamine	CAS NO.	78-90-0
BATCH NO.	20161028	QUANTITY	175KG
PRODUCTIVE DATE	Oct. 28, 2016	REPORT DATE	Oct. 28, 2016

ITEMS	SPECIFICATION	RESULT
Appearance:	Colorless to light yellow transparent liquid	Colorless transparent liquid
Assay(GC):	$\geq 99.5\%$	99.85%
Water content:	$\leq 0.2\%$	0.15%
Other impurity:	$\leq 0.3\%$	Not detected
Color(APHA):	≤ 15	5
RESULT:	PASS	



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