

Certificate of Analysis

CUSTOMER					
PRODUCT	ACETONE	GRADE	ACETONE	LOT NO	1A391105
SAMPLING TIME	2009-11-05 10:00	SAMPLE POINT	TK4211C		

TEST ITEM	UNIT	TEST METHOD	SPECIFICATION	TEST RESULT
APPEARANCE	-	VISUAL	CLEAR	CLEAR
Sp.Gr(20□/20□)	-	ASTM D-891	0.7910 ~ 0.7930	0.7920
COLOR	pt-co	ASTM D-1209	Max 5	3
ACETONE(WET)	wt.%	GAS CHRO.	Min 99.70	99.72
WATER CONTENT	wt.ppm	ASTM D-1364	Max 3000	2500
WATER SOLUBILITY(25□)	-	ASTM D-1722	COMPLETE	COMPLETE
PERMANGANATE TIME	min	ASTM D-1363	Min 150	180
NON-VOLATILE RESIDUE	wt.ppm	ASTM D-1353	Max 10	LT1
ACIDITY(AS ACETIC ACID)	wt.ppm	ASTM D-1613	Max 20	5
DISTILLATION IBP	□	ASTM D-1078	D.P-IBP : MAX 0.8□	56.0
DISTILLATION D.P	□	ASTM D-1078		56.3

CERTIFY THE ABOVE STATEMENT OF QUALITY TO BE TRUE AND CORRECT.

DATE : 2009-11-09

SIGNED :



K. H. SEO
Q.A. MANAGER