

## CERTIFICATE OF QUALITY

PRODUCT NAME : DV ACID CHLORIDE (CMAC)

BATCH NO : 08122,08123,08124,08125,08126

QUANTITY : 2000 , 5000 , 5000 , 5000 ,3000

MFG DATE : JAN 2009

L/C NO.12004010001606

EXP DATE : DEC 2010

CONTRACT NO. REF:TFC08123:

TEST	SPECIFICATION	RESULTS				
		08122	08123	08124	08125	08126
		2000 kgs	5000 kgs	5000 kgs	5000 kgs	3000 kgs
DESCRIPTION	A PALE YELLOW TO YELLOW MOBILE LIQUID FREE FROM EXTRANEIOUS MATTER	complies	complies	complies	complies	complies
PURITY BY GLC AREA% ON SE-54 PACKED COLUMN	98.5 % MIN	98.6	98.5	98.5	98.5	98.5
DVA CONTENT (w/w by TITRATION)	1.0 % MAX	0.48	0.48	0.49	0.48	0.48
THIONYL CHLORIDE (w/w by TITRATION)	0.2 % MAX	0.09	0.08	0.08	0.08	0.09
CIS ISOMER (BY GLC)	40 TO 45 %	44.5	42.2	42.6	41.5	44.0

REMARK : MATERIAL COMPLIES WITH THE ABOVE SPECIFICATION.

QC EXECUTIVE :

DATE : 29.01.2009