



## CERTIFICATE OF ANALYSIS

Date: JUL.11, 2011

Lot No: HL201107-04

### COMMODITY: ADIPIC ACID

ANALYTICAL ITEMS	SPECIFICATION	RESULT
APPEARANCE	WHITE CRYSTAL POWDER	WHITE CRYSTAL POWDER
PURITY %(m/m)	$\geq 99.7$	99.86
MELTING POINT °C	$\geq 151.5$	152.6
MOISTURE %(m/m)	$\leq 0.2$	0.14
AMMONIA SOLUTION COLOUR (PT-CO)	$\leq 5$	1
FE mg/kg	$\leq 1.0$	0.2
HNO3 mg/kg	$\leq 10.0$	1
ASHES mg/kg	$\leq 7$	4