

**NANTONG ALCHEMY BIOTECH DEVELOPMENT CO., LTD.**  
**CERTIFICATE OF ANALYSIS**

PRODUCTS:	<b>CALCIUM PROPIONATE</b>		
CHEMICAL FORMULA:	C <sub>6</sub> H <sub>10</sub> CaO <sub>4</sub>	CAS:	4075-81-4
ORIGIN:	SYNTHETIC	MOLECULAR WEIGHT:	186.22
BATCH NO.:	2015102608		
STANDARD:	<b>FCCV/ E282, FOOD GRADE</b>		
PRODUCE DATE:	2015.10.26	ANALYSIS DATE:	2015.10.28
SHELF LIFE:	24 MONTHS	QUANTITY:	10MT, 25kg/bag

ANALYSIS ITEMS	STANDARD SPECIFICATIONS	RESULT OF ANALYSIS
IDENTIFICATION	CONFORM STANDARD	PASS
APPEARANCE	WHITE CRYSTALS OR AS CRYSTALLINE SOLID	WHITE CRYSTALS
FREE ACID OR ALKALI	PASSES THE TEST	PASS
ASSAY(on a dry basis) w%	98.0-100.5	99.8
INSOLUBLE IN WATER % ≤	0.2	0.16
WATER % ≤	4.0	2.3
PH(10%)	7.5-10.5	8.1
FLUORIDE (as F) % ≤	0.003	<0.003
IRON (as Fe mg/kg) ≤	50	<50
LEAD (as Pb mg/kg) ≤	2	<2
MAGNESIUM (as MgO) ≤	PASS TEST (about 0.4%)	PASS

CONCLUSION: CONFORM WITH FCC V / E282

ANALYST: Zhang Jun

CHECKER: Lv Xiaohong

DEPT : QC

