

# QUALITY ASSURANCE CERTIFICATION

DATE : 2002. 1 . 17 .

KOREA CHEMICAL IND. CO., LTD  
DEPARTMENT OF QUALITY CONTROL

CUSTOMER : 삼흥캠코

PRODUCT NAME	ALUMINUM SULFATE	DESCRIPTION	COAGULANT	
DATE OF ANALYSIS	2002. 01. 16.	INSPECTOR	변 성 역	
TEST ITEMS	UNIT	SPECIFICATION	TEST RESUTS	REMARKS
PH	1W/V %	3.0 이상	3.14	
비중		1.280 이상	1.292(20℃)	
Al <sub>2</sub> O <sub>3</sub>	%	7.0 이상	7.35	
Fe	%	0.3 이하	0.017	
Pb	ppm	10 이하	0.75	

REMARKS : TESTED BY KS-M1411 (ALUMINIUM TEST METHOD)  
WE CERTIEY THE ABOVE STATEMENT OF QUALITY  
TO BE TRUE AND CORRECT

# QUALITY ASSURANCE CERTIFICATION

DATE : 2002. 6. 28.

KOREA CHEMICAL IND. CO., LTD  
DEPARTMENT OF QUALITY CONTROL

CUSTOMER : 코텍코

PRODUCT NAME		ZINC SULFATE		DESCRIPTION	COAGULANT
DATE OF ANALYSIS		2002. 6. 28.		INSPECTOR	변 성 역
NO	TEST ITEMS	UNIT	SPECIFICATION	TEST RESULTS	REMARKS
1	함량(ZnSO <sub>4</sub> · 7H <sub>2</sub> O)	%	98이상	99.22	
2	ZnSO <sub>4</sub>	%	55.0이상	56.21	
3	Zn	%	22.0이상	22.45	
4	Mn	%	0.005이하	0.0008	
5	Cl	%	0.08이하	0.003	
6	Fe	%	0.003이하	0.0004	
7	Pb	%	0.001	0.0002	
8	Cd	%	0.001	—	
9	Cu	%	0.001	불검출	
10	Ni	%	0.001	—	
11	Cr	%	0.001	불검출	
12	불용분	%	0.03이하	0.007	

REMARKS : TESTED BY KS-M1116 (ZINC SULFATE)  
WE CERTIEY THE ABOVE STATEMENT OF QUALITY  
TO BE TRUE AND CORRECT

# QUALITY ASSURANCE CERTIFICATION

DATE : 2013. 7. 11.

KOREA CHEMICAL IND. CO., LTD  
DEPARTMENT OF QUALITY CONTROL

CUSTOMER :

PRODUCT NAME		MAGNESIUM SULFATE		DESCRIPTION	COAGULANT
DATE OF ANALYSIS		2013. 7. 10.		INSPECTOR	변 성 역
NO	TEST ITEMS	UNIT	SPECIFICATION	TEST RESULTS	REMARKS
1	함량(MgSO <sub>4</sub> · 7H <sub>2</sub> O)	%	99.0이상	99.53	
2	MgSO <sub>4</sub>	%	48.9이상	50.05	
3	pH	5g/100ml	5.0~8.0	7.03	
4	MgO	%	14%min	16.01	
5	Cl	ppm	3이하	-	
6	Fe	ppm	3이하	1	
7	Pb	ppm	5이하	불검출	
8	Ca	%	0.02이하	0.003	
9	K	%	0.001이하	-	
10	Na	%	0.001이하	-	
11	As	ppm	1이하	불검출	
12					

REMARKS : TESTED BY KS-M8079 (MAGNESIUM SULFATE)  
WE CERTIEY THE ABOVE STATEMENT OF QUALITY  
TO BE TRUE AND CORRECT