

KUMHO PETROCHEMICAL

Yeosu Specialty Chemicals Plant
 356 Hwachi-dong, Yeosu-city,
 Jeollanam-do, Korea
 Tel : 82-61-688-3932 / Fax : 82-61-685-5806

CERTIFICATE OF ANALYSIS

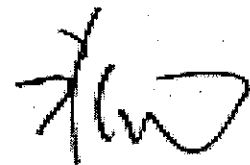
Issuing Date : 2012.2.14
 User :
 Grade : KUMANOX 3110
 Quantity : 5.1kg (1.7kg x 3ea)

Certification No :
 Invoice No :
 L/C No :
 L/C Date :

Analysis Item	Unit	Spec.	Results		Method
			120130007		
			sample		
Appearance			GOOD		
Water content(wt%)	wt%	MAX 0.20	0.03		
OH VALUE(mgKOH/g)		100 ~ 250	245		
Viscosity(25 °C)	cps	MAX 1,000	365		
Color Index(Gardner)		MAX 2.5	0.5		

REFERENCE

I hereby certify that the result of analysis conforms to our standard specification



LEE Jungchan
 General Manager , QA Team
 Yeosu Specialty Chemicals Plant