



Certificate of Analysis

Date Issued : 2016/02/07

- Commodity : LOTTE PAPET COOL 80
- Quantity : 105 MTS
- Customer : TAN PHU SAI GON JOINT STOCK COMPANY

Test Item	Test Method	Unit	Spec(Min)	Spec(Max)	Result
Intrinsic Viscosity	ASTM D4603	dl/g	0.780	0.820	0.793
Color L	ASTM D6290	-	81.00	89.00	84.98
Color b	ASTM D6290	-		1.00	-1.24
Carboxyl End Group	LCC METHOD	eq/ton		30.00	25.80
Di Ethylene Glycol	LCC METHOD	wt%		1.50	1.02
Melting Point	ASTM D3418	°C	242.00	248.00	246.20
Chip Size	LCC METHOD	g/100ea	1.30	1.70	1.45
Acetaldehyde	LCC METHOD	wtppm		1.00	0.38
Moisture	LCC METHOD	wtppm		2,000	70
Density	ASTM D1505	g/cm ³	1.39	1.41	1.40

I Hereby Certify that the Above Statement of Quality to be True and Correct.

Kim, Kyeong Jae
Leader of Quality Control Lab.