



PET 785

CERTIFICATE OF ANALYSIS

Analysis Result

Analysis Item	Unit	Specification	Method
<i>Intrinsic Viscosity</i>	<i>dl/g</i>	0.78 ± 0.02	UBBELHODE
<i>DEG content</i>	<i>%wt</i>	Max 2.0	GC
<i>Color (CIE Lab)</i>	<i>L*</i>	≥ 90	SPECTROSCOPY
	<i>b*</i>	≤ 2.0	SPECTROSCOPY
<i>Carboxyl End Group</i>	<i>meq/kg</i>	Max 32	AUTO TITRATION
<i>Melting point</i>	$^{\circ}\text{C}$	249 ± 2	DSC
<i>Acetaldehyde</i>	<i>ppm</i>	Max 1.0	HEAD SPACE-GC
<i>Water content</i>	<i>%wt</i>	Max 0.3	KARL-FISHER

Note: Moisture be determined before packing.