



YOY Carbon Black CO., LTD

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## CERTIFICATE OF ANALYSIS

Company Name:YOY CARBON BLACK CO.,LTD.      REPORT NO.: 20191120-001  
 PRODUCT : PIGMENT CARBON BLACK              CAS NO. : 1333-86-4  
 Origin:China    DATE: 2019-11-20  
 GRADE NO. : GP31                                      Acc.to P.I.No.:YOY02-20191024  
 Weight: 500kgs                                        P.O.No.:81-19  
 Production date:2019.11                              **Batch No.:20191120GP31500**  
 Expiry date:2021.11

### CHEMICAL / PHYSICAL PROPERTIES

ANYLYSIS ITEM	TECHNICAL INDEX	Extimated Value	ASTM TEST METHOD NO.
Particle Size (nm)	16 ± 2	16	Microscope
Tint Strength (%)	≥ 135	135	GB/T 7050-2003
DBP Asorption Number (cc/100g)	100 ± 3	100	GB/T 7046-2003
Specific Surface Area (m <sup>2</sup> /g)	350 ± 3	350	GB/T 10722-2003
PH Value	2.5 ± 0.5	2.5	GB/T 7045-2003
Vdaf (%)	≤ 10	10	GB/T 7047-2006
Ash Content (%)	≤ 0.03	0.03	
Physical Description	Powder	Powder	Eyeballing

Synthetic Gudgment : Qualified



QUALITY INSPECTION