

# Certificate of Analysis



**Valetime Limited**

International Trade & Business Development

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**Date of Manufacture** February 2006  
**Contract Number** SAMPLE #S1  
**Product** CARBON BLACK (Special Black) grade N330-S

## Analysis

**SAMPLE #S1 N330-S**

Batch number	Unit	Standard	Test method	
Date of batch				<b>17.02.2006</b>
Iodine Absorption Number	g/kg	82 ± 5	ASTM D 1510	86.81
DBP Absorption Number	cm <sup>3</sup> /100g	102 ± 5	ASTM D 2414	102
pH Value		7 - 10	ASTM D 1512	7.30
Heating Loss at 125°C, max	%	0.9	ASTM D 1509	0.45
Ash Content, max	%	0.5	ASTM D 1506	0.36
Sieve Residue 0.0045mm, max (325 mesh)	ppm	0.08	ASTM D 1514	0.0250
Sieve Residue 0.05mm, max (35 mesh)	ppm	0.001	ASTM D 1514	0.0008
Sulphur Content, max	%	1.1	ASTM D 1619	0.22
Fines Content, max	%	7	ASTM D 1508	6.0
Pour Density, min	Kg/m <sup>3</sup>	360 – 400	ASTM D 1513	396
Toluene Extract, min	%	85	ASTM D 1618	98

We hereby certify the above actual tested results (for the batches shown against specification shown in the second column above) were supplied as sample #S1.

Paul M Jones (Associate Director – Valetime Limited)