

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 N772-S

Analysis

SAMPLE #S1 N772-S

Batch number	Unit	Standard	Test method	
Date of batch				17.02.2006
Iodine Absorption Number	g/kg	30 ± 5	ASTM D 1510	28.59
DBP Absorption Number	cm ³ /100g	65 ± 5	ASTM D 2414	62
pH Value		7 - 10	ASTM D 1512	
Heating Loss at 125°C, max	%	0.9	ASTM D 1509	0.39
Ash Content, max	%	0.5	ASTM D 1506	0.35
Sieve Residue 0.0045mm, max (325 mesh)	ppm	0.08	ASTM D 1514	0.0107
Sieve Residue 0.05mm, max (35 mesh)	ppm	0.001	ASTM D 1514	0.0008
Sulphur Content, max	%	1.1	ASTM D 1619	0.38
Fines Content, max	%	7	ASTM D 1508	5.8
Pour Density, min	Kg/m ³	490 – 550	ASTM D 1513	530
Toluene Extract, min	%	75	ASTM D 1618	96

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)