


CTL Bielefeld GmbH, Chemisch - Technologisches Laboratorium  
Krackserstrasse 12, 33659, Bielefeld, Deutschland

Atom Colour

CERTIFICATE

YOUR REF.   
 YOUR LETTER DATED  
 ARRIVAL DATE CTL 30<sup>th</sup> November 2004  
 DATE 03<sup>rd</sup> December 2004  
 CTL NO 37281/1

DECLARATION   
 COLOUR TITAN BLACK

Investigation of Amines according to the valid German Legislation (Bedarfsgegenständeverordnung)

**Results**

AMOUNT	UNIT	AMINE	CAS-NO.
---		4-Aminobiphenyle	92-67-1
---		Benzidine	92-87-5
---		4-Chloro-o-Toluidine	95-69-2
---		2-Naphthylamine	91-59-8
---		o-Aminoazotoluene	97-56-3
---		2-Amino-4-nitrotoluene	99-55-8
---		p-Chloroaniline	106-47-8
---		2,4-Diaminoanisole	615-05-4
---		4,4'-Diaminodiphenylmethane	101-77-9
---		3,3'-Dichlorobenzidine	91-94-1
---		3,3'-Dimethoxybenzidine	119-90-4
---		3,3'-Dimethylbenzidine	119-93-7
---		3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0
---		2-Methoxy-5-methylaniline	120-71-8
---		4,4'-Methylene-bis-(2-chloroaniline)	101-14-4
---		Bis-(4-aminophenyl)-ether	101-80-4
---		4,4'-Thiodianiline	139-65-1
---		o-Toluidine	95-53-4
---		4-Methyl-m-phenylenediamine	95-80-7
---		2,4,5-Trimethylaniline	137-17-7
---		p-Aminoazobenzene	60-09-3
---		o-Anisidine	90-04-0
---		2,4 Xylidine	95-68-1
---		2,6 Xylidine	87-62-7

--- = below detection limit

The investigation was carried out using GC/MS and HPLC according to § 35 LMBG, B 82.02-2, 3 and 4 in the up-to-date legislation. The detection limit is 5 ppm. The last two mentioned amines are part of a future law and were screened on customers request.

BIELEFELD, 03<sup>RD</sup> DECEMBER 2004
  
 Dr. rer. nat. G. Prior

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