



wir helfen, beraten und prüfen

|                      |   |
|----------------------|---|
| CTL <sup>®</sup> -No | 358867/2  |
| [Article]            | sample of a pigment TR1160<br>GE-233175 Pigment + Brown 175 |
| [Batch-No]           | 06.2018/023   |

|   |   |                              |   |                                     |   | passed |
|---|---|------------------------------|---|-------------------------------------|---|--------|
| <b>Azo-dyestuffs, Part 1a</b><br>Investigation of aromatic amines with carcinogenic, mutagenic, reprotoxic and sensitising properties according to COE Resolution ResAP(2008)1<br>Methods acc. to § 64 LFGB 82.02-2,3,4,9<br>Detection limit: 1 ppm; limit: as low as technically avoidable                   |   |                              |   | not detectable                      |   | yes    |
| Biphenyl-4-ylamine  | - | 4-Methoxy-m-phenylenediamine | - | 4,4'-Methylenebis-(2-chloroaniline) | - |        |
| Benzidine   | - | 4,4'-Methylenedianiline      | - | 4-Methyl-m-phenylenediamine         | - |        |
| 4-Chloro-o-toluidine  | - | 3,3'-Dichlorobenzidine       | - | o-Anisidine                         | - |        |
| 2-Naphthylamine   | - | 3,3'-Dimethoxybenzidine      | - | 4-Aminoazobenzene                   | - |        |
| o-Aminoazotoluene   | - | 3,3'-Dimethylbenzidine       | - | 6-Amino-2-ethoxynaphthaline         | - |        |
| 5-Nitro-o-toluidine   | - | 4,4'-Methylenedi-o-toluidine | - | 4-Amino-3-fluorophenol              | - |        |
| 4-Chloroaniline   | - | 6-Methoxy-m-toluidine        | - |                                     |   |        |
| <b>Azo-dyestuffs, Part 1b</b><br>Investigation of carcinogens classified in Categories 1, 2 and 3 by the European Commission and mentioned in the Council Directive 1967/548/EEC of 27 June 1967 according to EU Resolution ResAP(2008)1<br>Methods acc. to § 64 LFGB 82.02-2,3,4,9<br>Detection limit: 1 ppm |   |                              |   | not detectable                      |   | yes    |
| 4,4'-Oxydianiline   | - | 2,4,5-Trimethylaniline       | - | 2,6-Xylidine                        | - |        |
| 4,4'-Thiodianiline  | - | Para-phenylenediamine        | - |                                     |   |        |
| o-Toluidine   | - | 2,4-Xylidine                 | - |                                     |   |        |

Bank Sparkasse Gütersloh  
Account No 400 53 45  
Bank Code 478 500 65  
SWIFT/BIG WELADED 1 GTL  
IBAN DE 87 47850065 000 4005345

Address Krackser Straße 12  
33659 Bielefeld, Germany  
Managing Director Dr. rer. nat. Gerald Prior  
Based in Bielefeld  
Register of Companies AG Bielefeld, HRB 35-412  
VAT ID No DE 176 26 5000

[fon] +49 521 400 82 89 0  
[fax] +49 521 446 51 52  
[mail] info@ctl-bielefeld.de  
[Homepages] ctl-bielefeld.de  
ctl-tattoo.net  
ctl-pmu.net



wir helfen, beraten und prüfen

|                      |          |
|----------------------|----------|
| CTL <sup>®</sup> -No | 358867/2 |
|----------------------|----------|

[Article] sample of a pigment TR1160  
GE-233175 Pigment + Brown 175

[Batch-No] 06.2018/023

|  |                                  |           | passed |
|--|----------------------------------|-----------|--------|
| <b>Heavy metals, Part 3</b><br>acc. to COE Resolution ResAP(2008)1<br>Methods: ICP-MS method<br>acc. to DIN 11885; Analysis acc. to COE ResAP(89)1 | Limit                            | Amount    | yes    |
| Arsenic (As)   | 2 ppm                            | < 2 ppm   |        |
| Barium (Ba)  | 50 ppm                           | < 50 ppm  |        |
| Cadmium (Cd)   | 0.2 ppm                          | < 0.2 ppm |        |
| Cobalt (Co)  | 25 ppm                           | < 25 ppm  |        |
| Chromium (Cr), VI  | 0.2 ppm                          | < 0.2 ppm |        |
| Copper (Cu), soluble   | 25 ppm                           | < 25 ppm  |        |
| Mercury (Hg)   | 0.2 ppm                          | < 0.2 ppm |        |
| Nickel (Ni)  | As low as technically achievable | < 0.5 ppm |        |
| Lead (Pb)  | 2 ppm                            | < 2 ppm   |        |
| Selenium (Se)  | 2 ppm                            | < 2 ppm   |        |
| Antimony (Sb)  | 2 ppm                            | < 2 ppm   |        |
| Tin (Sn)   | 50 ppm                           | < 50 ppm  |        |
| Zinc (Zn)  | 50 ppm                           | < 50 ppm  |        |

Bank Sparkasse Gütersloh  
Account No 400 53 45  
Bank Code 478 500 65  
SWIFT/BIG WELADED 1 GTL  
IBAN DE 87 47850065 000 4005345

Address Krackser Straße 12  
33659 Bielefeld, Germany  
Managing Director Dr. rer. nat. Gerald Prior  
Based in Bielefeld  
Register of Companies AG Bielefeld, HRB 35-412  
VAT ID No DE 176 26 5000

[fon] +49 521 400 82 89 0  
[fax] +49 521 446 51 52  
[mail] info@ctl-bielefeld.de  
[Homepages] ctl-bielefeld.de  
ctl-tattoo.net  
ctl-pmu.net