

TESTREPORT

BIU-Report-No.

LOL1003

Order from: 01.10.10

Sample:

Origin Customer-No.	Sample description	BIU-Sample-No.
Quantilus T50	plasticizer	LOL1003

Analysis of: Determination of polycyclic aromatic hydrocarbons

Sampling: send by customer

receipt of sample: 07.10.10

Test method: PAH - 0397 (Grimmer method)

Start of analysis: 12.10.10

End of analysis: 13.10.10

Results of analysis: see tables 01 and 02

Remarks: no

BIOCHEMISCHES INSTITUT FÜR UMWELTCARCINOGENE

Prof. Dr. Gernot Grimmer-Stiftung
Lurup 4, D-22927 Großhansdorf

Report-No.: **LOL1003**


Sample description: Quantilus T50
Kind of sample: plasticizer

Test method: PAH - 0397 (Grimmer method)
Instrument-No.: L5MSD

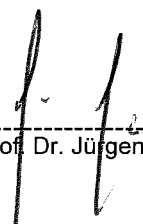
Table 01:

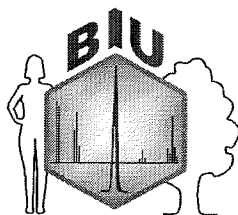
Unit	mg/kg
Phenanthrene	0,467
Anthracene	0,117
Fluoranthene	0,075
Pyrene	0,150
Benzo[b]naphtho[2,1-d]thiophene	0,681
Benzo[ghi]fluoranthene	0,013
Benzo[c]phenanthrene	0,008
Benzo[a]anthracene	0,126
Cyclopenta[1,2,3-cd]pyrene	<0,001
Triphenylene	0,828
Chrysene	0,538
Benzo[b]fluoranthene	0,633
Benzo[k]fluoranthene	0,083
Benzo[j]fluoranthene	0,079
Benzofluoranthene (b+k+j)	0,795
Benzo[e]pyrene	2,201
Benzo[a]pyrene	0,456
Perylene	0,571
Indeno[1,2,3-cd]pyrene	0,502
Dibenzo[a,h]anthracene	0,156
Benzo[ghi]perylene	2,923
Anthanthrene	0,105
Coronene	0,350

Date: 13.10.2010

Operator: 
Schneider

Management:


Prof. Dr. Jürgen Jacob or Dr. Albrecht Seidel



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Quantilus T50	plasticizer	LOL1003

Analysis of:

Determination of polycyclic aromatic hydrocarbons

Table 02:

Unit	mg/kg
Benzo[a]pyrene	0,456
Benzo[e]pyrene	2,201
Benzo[a]anthracene	0,126
Benzo[b]fluoranthene	0,633
Benzo[j]fluoranthene	0,079
Benzo[k]fluoranthene	0,083
Dibenzo[a,h]anthracene	0,156
Chrysene	0,538

According to Commission Regulation (EC) 1907/2006*	mg/kg
Benzo[a]pyrene (Limit Value \leq 1 mg/kg)	0,456
Sum of 8 PAH (Limit Value \leq 10 mg/kg)	4,272

* formerly EU directive 2005/69/EC

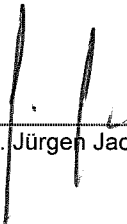
Date:

13.10.2010

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Prof. Dr. Jürgen Jacob

or

Dr. Albrecht Seidel