

## LABORATORY ANALYSIS REPORT

**REPORT NO.** PE6MS1008  
**CUSTOMER** CPANA (Steve Southwell)  
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Lewisville  
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**GRADKO LAB REF** PE6F0790-0791  
**BOOKING REF. NUMBER** E 3036  
**DATE SAMPLES RECEIVED** 16.06.11  
**EXPOSURE DATES** 10.05.11-10.06.11

**QUANTITATIVE ANALYSIS FOR BENZENE ON SLS-2BEDS DIFFUSION TUBES BY GCMS**  
**SEMI-QUANTITATIVE ANALYSIS FOR TOP 9 COMPOUNDS ON SLS-2BEDS DIFFUSION TUBES BY GC/MS**  
Analysis has been carried out in accordance with in-house method GLM 13

**Tube Number** GRA 05842  
**Tube Location** BOX 210  
**Exposure Time (mins)** 44586

<b>BENZENE</b>	<b>ng on tube</b>	<b>ppb in air*</b>	<b>µgm-3*</b>
Benzene	3.11	0.03	0.11
<b>TOP 9 Compounds</b>	<b>ng on tube</b>	<b>ppb in air*</b>	<b>µgm-3*</b>
Tridecane	12.98	0.15	1.07
Phenol	6.61	0.07	0.28
Toluene	6.56	0.07	0.27
Tetradecane	6.11	0.07	0.54
Hexadecane	3.81	0.04	0.39
m/p-Xylene	3.22	0.04	0.15
Dodecane	3.11	0.03	0.24
Benothiazole	2.77	0.03	0.17
Cyclohexane, isocyanato-	2.09	0.02	0.12

**Tube Number** GRA 05540  
**Tube Location** BOX 99  
**Exposure Time (mins)** 44562

<b>BENZENE</b>	<b>ng on tube</b>	<b>ppb in air*</b>	<b>µgm-3*</b>
Benzene	2.96	0.03	0.10
<b>TOP 9 Compounds</b>	<b>ng on tube</b>	<b>ppb in air*</b>	<b>µgm-3*</b>
Tridecane	43.95	0.49	3.63

The Diffusion Tubes have been tested within the scope of Gradko International Ltd. Laboratory Quality Procedures calculations and assessments involving the exposure procedures and periods provided by the client are not within the scope of our UKAS accreditation. Those results obtained using exposure data shall be indicated by an asterisk. Any queries concerning the data in this report should be directed to the Laboratory Manager Gradko International Ltd.

**REPORT OFFICIALLY CHECKED**

Gradko International Ltd  
This signature confirms the authenticity of these results  
Signed.....*L. Gates*.....  
L. Gates, Laboratory Supervisor

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Tetradecane	18.50	0.21	1.64
Benzothiazole	8.10	0.09	0.49
Phenol	6.43	0.07	0.27
Cyclohexane, isocyanato-	6.36	0.07	0.36
Dodecane	6.19	0.07	0.47
Toluene	5.38	0.06	0.22
Heptadecane	4.45	0.05	0.48
Hexadecane	4.22	0.05	0.43

**Semi-quantitative results for ng on tube are calculated using toluene standards.  
Overall MU  $\pm$ 14.42% for quantitative analysis of BTEX compounds.**

**Analyst's Name**

**G. Aikman**

**Date of Analysis** 17.06.11

**Date of Report** 27.06.11

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Signed..... *L. Gates* .....  
L. Gates, Laboratory Supervisor