



Marchwood Scientific Services

DATE OF RECEIPT
17 OCT 2005

Unit 4G Central Crescent,
Marchwood Industrial Park,
Marchwood,
Southampton, Hants,
SO40 4BJ

Tel: 02380-669126
Fax: 02380-669127

Name of Client : BAE Systems

Test Certificate No: 105-2044

Address : Brisance House, Euxton Lane, Chorley, PR7 6AQ

ANALYSIS OF PCDDs and PCDFs

Job Reference:
Sample Identifier : LN4223/05
Sample No: 105-2044
Order No: 98/05

Date of Receipt : 16/09/05
Date of Analysis : 24/09/05
Date of Report : 30/09/05
No of Samples in Batch :
Sample Condition : normal

Instrument : Micromass Ultima NT
GC Column : DB5
Calibration File : 240905

Test Method : 1122
Blank : 105-2081
Sample Size : 10.2

expressed as ng / g

Congener	Conc	TEFs	TEQ ¹	TEQ ²	DL	Rec %	Error %
2378-TCDF	0.0018	0.100	0.0002	0.0002	0.0002	65	
12378-PCDF	0.0013	0.050	0.0001	0.0001	0.0002	60	
23478-PCDF	0.0017	0.500	0.0008	0.0008	0.0002	52	
123478-HxCDF	0.0023	0.100	0.0002	0.0002	0.0002	79	
123678-HxCDF	0.0015	0.100	0.0002	0.0002	0.0002	78	
234678-HxCDF	0.0014	0.100	0.0001	0.0001	0.0002	73	
123789-HxCDF	*	0.100	0.0000	0.0000	0.0002	80	
1234678-HpCDF	0.0083	0.010	0.0001	0.0001	0.0002	72	
1234789-HpCDF	0.0010	0.010	0.0000	0.0000	0.0003	77	
OCDF	0.0098	0.001	0.0000	0.0000	0.0006		
2378-TCDD	*	1.000	0.0002	0.0000	0.0002	85	
12378-PCDD	*	0.500	0.0001	0.0000	0.0003	68	
123478-HxCDD	0.0005	0.100	0.0001	0.0001	0.0004	86	
123678-HxCDD	0.0006	0.100	0.0001	0.0001	0.0004	82	
123789-HxCDD	0.0007	0.100	0.0001	0.0001	0.0003		
1234678-HpCDD	0.0060	0.010	0.0001	0.0001	0.0005	84	
OCDD	0.0293	0.001	0.0000	0.0000	0.0010	79	
TEQ (Nato)			0.0023	0.0020			10

* Isomer Not detected
TEQ Toxic Equivalent Value
TEF Toxic Equivalent Factor
Conc Concentration
DL Detection Value

TEQ¹ Concentration of Non Detected
Congeners at Detection Limit
TEQ² Concentration of Non Detected
Congeners at Zero

Name of Analyst : K Pettit
Position : Technical Manager

Signature of Analyst : *10*



NAME	
NO.	
DATE	
ACTION	
DATE OF RECEIPT	
26 OCT 2005	