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Quality System
 Audited & Registered
 by NSF-ISR to ISO 9001:2000

Date Received: _____

Certificate of Analysis

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Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
111304-03-PAK	141252	<= -10 Degrees C	Toluene	1-Dec-2011	PAH Solution, 15-3, 2 mg/L, 5 x 1 ml
Compound	CAS No.	Purity (%)	Neat Material Lot No.	Concentration, mg/L	
benzo[a]anthracene	56-55-3	99	16.7.1.2P	2.008 +/- .0281	
benzo[b]fluoranthene	205-99-2	99	17.4.3.2P	2 +/- .028	
benzo[k]fluoranthene	207-08-9	99	18.4.2.4P	1.992 +/- .0278	
benzo[ghi]perylene	191-24-2	99	19.4.3.3P	2.004 +/- .0280	
benzo[a]pyrene	50-32-8	98.2	20.7.1P	2.003 +/- .0280	
chrysene	218-01-9	99	21.4.2.2P	1.996 +/- .0279	
dibenz[a,h]anthracene	53-70-3	99	22.4.3.1P	2 +/- .028	
indeno[1,2,3-cd]pyrene	193-39-5	99	25.4.5P	2 +/- .028	
dibenzo(a,e)pyrene	192-65-4	99	930.4.1P	1.98 +/- .0277	
dibenzo(a,i)pyrene	189-55-9	99	1478.1.1.1P	2 +/- .028	
dibenzo(a,l)pyrene	191-30-0	99	1516.4.1P	2 +/- .028	
dibenzo(a,h)pyrene	189-64-0	99	1517.4.1P	2.004 +/- .0280	
benzo(i)fluoranthene	205-82-3	99	1766.5.2P	1.999 +/- .0279	
5-methylchrysene	3697-24-3	99	1936.5.1P	2 +/- .028	
cyclopenta(c,d)pyrene	27208-37-3	99.3	1937.5.1P	2 +/- .028	

Certified By: Michael S. Wrigley
 Mike Wrigley

All weights are traceable through N. I. S. T. Test No. 822/264157-00.
 Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetrically.