

GRAVIMETRIC CERTIFICATE

General Product Data:

Product Name: PAH Stock Solution 3

Product No.: S-4320-2-EA

Batch Specific Data:

Batch No.: 6327

Product description:

Compound	Prod.no.	Batch no:	CAS no.	Purity:	Grav. conc.
Naphthalene	0711.10	0353	90-20-3	99.8 %	2 µg/mL
Acenaphthylene	0002.12	4306	208-96-8	99.5 %	2 µg/mL
Acenaphthene	0732.12	0422	83-32-9	99.9 %	2 µg/mL
Fluorene	0217.13	1700	86-73-7	99.1 %	2 µg/mL
Phenanthrene	0816.14	0366	85-01-8	99.9 %	2 µg/mL
Anthracene	1049.14	1759	120-12-7	99.5 %	2 µg/mL
Fluoranthene	0260.16	1725	206-44-0	99.5 %	2 µg/mL
Pyrene	0235.16	1533	129-00-0	99.9 %	2 µg/mL
Benz[a]anthracene	0201.18	4976	56-55-3	98.8 %	2 µg/mL
Chrysene	0212.18	3236	218-01-9	98.4 %	2 µg/mL
Benzo[b]fluoranthene	0263.20	5085	205-99-2	99.9 %	2 µg/mL
Benzo[k]fluoranthene	0265.20	5634	207-08-9	99.7 %	2 µg/mL
Benzo[j]fluoranthene	0264.20	1961	205-82-3	99.9 %	2 µg/mL
Benzo[e]pyrene	0236.20	1704	192-97-2	99.4 %	2 µg/mL
Benzo[a]pyrene	0239.20	3668	50-32-8	98.3 %	2 µg/mL
Perylene	0220.20	1600	198-55-0	99.9 %	2 µg/mL
Indeno[1,2,3-cd]pyrene	0277.22	4706	193-39-5	99.6 %	2 µg/mL
Benzo[ghi]perylene	0222.22	5711	191-24-2	98 %	2 µg/mL
Dibenzo[a,h]anthracene	0203.22	1970	53-70-3	99.4 %	2 µg/mL
Dibenzo[a,l]pyrene	0243.24	2568	191-30-0	99.8 %	2 µg/mL
Dibenzo[a,e]pyrene	0244.24	1908	192-65-4	99.8 %	2 µg/mL
Dibenzo[a,i]pyrene	0241.24	1959	189-55-9	99.9 %	2 µg/mL
Dibenzo[a,h]pyrene	0242.24	3169	189-64-0	99.8 %	2 µg/mL

Solvent: Ethyl acetate, pesticide grade, >99.5 %, Batch 0253/7

Tolerance: The uncertainty in the preparation of this standard is less than $\pm 5\%$

Quantity: 200 µL

Storage: Dark and cool

Expiry date: Guaranteed 1 year from date of issue

Trondheim, 04 June 2007

Issued by:

Marita Buarø

Approved by:

Inge Fenstad



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GRAVIMETRIC CERTIFICATE

General Product Data:

Product Name: Perdeuterated Internal Standard – PAH mixture 9

Product No.: S-4321-2-EA

Batch Specific Data:

Batch No.: 6328

Product description:

Compound	Prod.no.	CAS no.	Batch no.	Purity	Grav. conc.
Acenaphthene-d ₁₀	1524.12	15067-26-2	3532	99 atom%D	2 µg/mL
Phenanthrene-d ₁₀	0389.14	1517-22-2	4847	99.6 atom%D	2 µg/mL
Fluoranthene-d ₁₀	1337.16	93951-69-0	5115	99.2 atom%D	2 µg/mL
Benz[a]anthracene-d ₁₂	1087.12	1718-53-2	5974	98.7 atom%D	2 µg/mL
Benzo[a]pyrene-d ₁₂	1088.20	63466-71-7	5886	98.4 atom%D	2 µg/mL
Dibenzo[a,h]anthracene-d ₁₄	1330.22	13250-98-1	4694	98.0 atom%D	2 µg/mL
Dibenzo[a,i]pyrene-d ₁₄	1529.14	-	6013	98.7 atom%D	2 µg/mL

Solvent: Ethyl acetate, pesticide grade, >99.5 %, Batch 0253/7

Tolerance: The uncertainty in the preparation of this standard is less than ± 5 %

Quantity: 200 µL

Storage: Dark and cool

Expiry date: Guaranteed 1 year from date of issue

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GRAVIMETRIC CERTIFICATE

General Product Data:

Product Name: Perdeuterated Internal Standard – PAH mixture 10

Product No.: S-4322-2-EA

Batch Specific Data:

Batch No.: 6329

Product description:

Compound	Prod.no.	CAS no.	Batch no.	Purity	Grav. conc.
Acenaphthylene-d ₈	1336,12	93951-97-4	4693	99.7 atom%D	2 µg/mL
Chrysene-d ₁₂	1024,18	1719-03-5	2517	99.2 atom%D	2 µg/mL
Indeno[1,2,3-cd]pyrene-d ₁₂	1531,22	-	5469	99.8 atom%D	2 µg/mL

Solvent: Ethyl acetate, pesticide grade, >99.5 %, Batch 0253/7

Tolerance: The uncertainty in the preparation of this standard is less than $\pm 5\%$

Quantity: 200 µL

Storage: Dark and cool

Expiry date: Guaranteed 1 year from date of issue

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