

GRAVIMETRIC CERTIFICATE

General Product Data:

Product Name: Perdeuterated Internal Standard – PAH mixture 4

Product No.: S-4084-k- BD

Batch Specific Data:

Batch No.: 2785

Product description:

Compound	Prod.no.	CAS no.	Batch no.	Purity	Grav. conc.
Benzo[b]fluoranthene-d ₁₂	1348.20	93951-98-5	2783	98.7 atom%d	1.0 mg/mL
Benzo[k]fluoranthene-d ₁₂	1349.20	93952-01-3	2782	98.5 atom%d	1.0 mg/mL
Benzo[g,h,i]perylene-d ₁₂	1089.20	93951-66-7	2784	99.6 atom%d	1.0 mg/mL
Benzo[a]pyrene-d ₁₂	1088.20	63466-71-7	2348	98.7 atom%d	1.0 mg/mL
Fluoranthene-d ₁₀	1337.16	93951-69-0	2671	98.9 atom%d	1.0 mg/mL

The gravimetric concentrations have not been adjusted for compound purities.

Solvent: Benzene-d₆, 99.6 atom%d, Batch IM0423-3,
Density: 0.8700 g/mL

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

Quantity: 1.2 ml

Storage: Dark and cool
Before opening allow the standard to reach room temperature.

Expiry date: Guaranteed 1 year from date of issue

Trondheim, 27 November 2008

Issued by:

Approved by:

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