

Date Received: _____

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Catalog No.: 116663-03 **Lot No.:** 310931 **Storage:** ≤ -10 °C **Solvent:** Toluene **Exp. Date:** 8-Jun-2019 **Description:** Custom Deuterated PAH Mix, 7-3, 100 mg/L, 1 ml

Compound	CAS No.	Purity (%)	Neat Material Lot No.	Concentration
acenaphthene-d ₁₀	15067-26-2	100	1.12.3.1P	99.9 +/- 1.04 mg/L
benzo[a]anthracene-d ₁₂	1718-53-2	99.9	1270.12.2P	100.9 +/- 1.45 mg/L
benzo(a)pyrene-d ₁₂	63466-71-7	99	1973.120.4P	100.2 +/- 1.67 mg/L
dibenzo(a,h)anthracene-d ₁₄	13250-98-1	99	1974.12.4P	99 +/- 1.43 mg/L
dibenzo(a,i)pyrene-d ₁₄	158776-07-9	99.5	2028.120.8.1P	99.7 +/- 2.36 mg/L
fluoranthene-d ₁₀	93951-69-0	98.9	1458.12.2P	100.9 +/- 1.44 mg/L
phenanthrene-d ₁₀	1517-22-2	99.1	6.12.4.3P	100.1 +/- 1.15 mg/L

Follow all storage requirements, keep tightly closed when not in use, and use good laboratory practices when handling.
This Reference Material was manufactured, produced, and/or certified under a quality management system that is accredited to ISO 17034 and ISO/IEC 17025.

Certified By: _____



Katrina Emelianoff

Manufacture Date 8-Jun-2017

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. The stated uncertainty is the expanded uncertainty with a coverage factor of two to give a 95% confidence level.