

SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>CDM Smith</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3123</u>
Sample No :	<u>PB169768BSD</u>	Datafile:	<u>FE055925.D</u>
		Client ID :	<u>PB169768BSD</u>

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%) QC Limit Of RPD
Aliphatic C9-C12	10	5.71	57		3.7 (40-140) 25
Aliphatic C12-C16	6.7	5.27	79		3.8 (40-140) 25
Aliphatic C16-C21	10	9.38	94		1.4 (40-140) 25
Aliphatic C21-C28	13.3	11.4	86		0.831 (40-140) 25
Aliphatic C28-C40	20.0	17.1	86		0.09 (40-140) 25

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS(%) QC Limit Of RPD
n-Nonane (C9)	3.3	1.58245	48		4.26 (40-140) 25
n-Decane (C10)	3.3	1.90681	58		3.51 (40-140) 25
Naphthalene (C11.7)	3.3	0.00000	0	*	0 (40-140) 25
n-Dodecane (C12)	3.3	2.21244	67		4.58 (40-140) 25
2-methylnaphthalene (C12.89)	3.3	0.00000	0	*	0 (40-140) 25
n-Tetradecane (C14)	3.3	2.50172	76		4.03 (40-140) 25
n-Hexadecane (C16)	3.3	2.76509	84		3.64 (40-140) 25
n-Octadecane (C18)	3.3	2.95676	90		3.39 (40-140) 25
n-Eicosane (C20)	3.3	3.26772	99		1.02 (40-140) 25
n-Heneicosane (C21)	3.3	3.16261	96		1.05 (40-140) 25
n-Docosane (C22)	3.3	3.09861	94		0 (40-140) 25
n-Tetracosane (C24)	6.7	2.93233	44		0 (40-140) 25
n-Hexacosane (C26)	3.3	2.72827	83		1.2 (40-140) 25
n-Octacosane (C28)	3.3	2.63276	80		0 (40-140) 25
n-Tricontane (C30)	3.3	2.59023	78		1.27 (40-140) 25
n-Dotriacontane (C32)	3.3	2.66215	81		0 (40-140) 25
n-Tetratriacontane (C34)	3.3	2.81730	85		1.17 (40-140) 25
n-Hexatriacontane (C36)	3.3	3.02164	92		0 (40-140) 25
n-Octatriacontane (C38)	3.3	3.11900	95		1.06 (40-140) 25
n-Tetracontane (C40)	3.3	2.98850	91		3.35 (40-140) 25