

SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Remington & Vernick Engineers</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3586</u>
Sample No :	<u>PB170577BS</u>	Datafile:	<u>FG016927.D</u>
		Client ID :	<u>PB170577BS</u>

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C9-C12	10	5.57	56		(40-140)
Aliphatic C12-C16	6.7	5.04	76		(40-140)
Aliphatic C16-C21	10	8.70	87		(40-140)
Aliphatic C21-C28	13.3	11.0	83		(40-140)
Aliphatic C28-C40	20.0	16.5	83		(40-140)

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS(%)
n-Nonane (C9)	3.3	1.55454	47		(40-140)
n-Decane (C10)	3.3	1.87240	57		(40-140)
Naphthalene (C11.7)	3.3	0.00000	0	*	(40-140)
n-Dodecane (C12)	3.3	2.13160	65		(40-140)
2-methylnaphthalene (C12.89)	3.3	0.00000	0	*	(40-140)
n-Tetradecane (C14)	3.3	2.40658	73		(40-140)
n-Hexadecane (C16)	3.3	2.62515	80		(40-140)
n-Octadecane (C18)	3.3	2.76795	84		(40-140)
n-Eicosane (C20)	3.3	2.94637	89		(40-140)
n-Heneicosane (C21)	3.3	2.98377	90		(40-140)
n-Docosane (C22)	3.3	2.93712	89		(40-140)
n-Tetracosane (C24)	3.4	2.79723	82		(40-140)
n-Hexacosane (C26)	3.3	2.71760	82		(40-140)
n-Octacosane (C28)	3.3	2.60291	79		(40-140)
n-Tricontane (C30)	3.3	2.37443	72		(40-140)
n-Dotriacontane (C32)	3.3	2.31710	70		(40-140)
n-Tetratriacontane (C34)	3.3	2.52969	77		(40-140)
n-Hexatriacontane (C36)	3.3	2.93256	89		(40-140)
n-Octatriacontane (C38)	3.3	3.32705	101		(40-140)
n-Tetracontane (C40)	3.3	3.62189	110		(40-140)