

WATER 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>Q3584</u>
Sample No :	<u>PB170496BS</u>	Datafile:	<u>FE056803.D</u>
		Client ID :	<u>PB170496BS</u>

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	QC LIMITS (%)
Aliphatic C9-C12	300	160	53		(40-140)
Aliphatic C12-C16	200	132	66		(40-140)
Aliphatic C16-C21	300	216	72		(40-140)
Aliphatic C21-C28	400	271	68		(40-140)
Aliphatic C28-C40	600	457	76		(40-140)

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	QC LIMITS(%)
n-Nonane (C9)	100.0	45.19165	45		(40-140)
n-Decane (C10)	100.0	54.02800	54		(40-140)
Naphthalene (C11.7)	100.0	0.00000	0	*	(40-140)
n-Dodecane (C12)	100.0	61.29130	61		(40-140)
2-methylnaphthalene (C12.89)	100.0	0.00000	0	*	(40-140)
n-Tetradecane (C14)	100.0	65.12968	65		(40-140)
n-Hexadecane (C16)	100.0	67.36309	67		(40-140)
n-Octadecane (C18)	100.0	69.30723	69		(40-140)
n-Eicosane (C20)	100.0	73.14483	73		(40-140)
n-Heneicosane (C21)	100.0	73.98473	74		(40-140)
n-Docosane (C22)	100.0	72.37383	72		(40-140)
n-Tetracosane (C24)	100.0	67.83553	68		(40-140)
n-Hexacosane (C26)	100.0	66.17349	66		(40-140)
n-Octacosane (C28)	100.0	64.83742	65		(40-140)
n-Tricontane (C30)	100.0	60.51039	61		(40-140)
n-Dotriacontane (C32)	100.0	61.02891	61		(40-140)
n-Tetratriacontane (C34)	100.0	69.29890	69		(40-140)
n-Hexatriacontane (C36)	100.0	81.85147	82		(40-140)
n-Octatriacontane (C38)	100.0	97.23702	97		(40-140)
n-Tetracontane (C40)	100.0	109.25801	109		(40-140)