

SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Remington & Vernick
Lab Code: ACE **SDG No:** Q3719
Sample No : PB170736BSD **Datafile:** FE057048.D **Client ID :** PB170736BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%) QC Limit Of RPD
Aliphatic C28-C40	30.0	29.2	97		1.7 (40-140) 25
Aliphatic C9-C28	99.9	79.0	80		0.031 (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	2.69797	82		0 (40-140) 25
n-Decane (C10)	3.3	2.82301	86		0 (40-140) 25
Naphthalene (C11.7)	3.3	3.21562	97		1.03 (40-140) 25
n-Dodecane (C12)	3.3	3.00075	91		0 (40-140) 25
2-methylnaphthalene (C12.89)	3.3	2.99614	91		0 (40-140) 25
n-Tetradecane (C14)	3.3	3.03567	92		0 (40-140) 25
n-Hexadecane (C16)	3.3	2.85570	87		0 (40-140) 25
n-Octadecane (C18)	3.3	2.74267	83		0 (40-140) 25
n-Eicosane (C20)	3.3	2.75890	84		0 (40-140) 25
n-Heneicosane (C21)	3.3	2.73579	83		0 (40-140) 25
n-Docosane (C22)	3.3	2.65335	80		1.24 (40-140) 25
n-Tetracosane (C24)	6.7	5.47873	82		0 (40-140) 25
n-Hexacosane (C26)	3.3	2.46595	75		0 (40-140) 25
n-Octacosane (C28)	3.3	2.62814	80		0 (40-140) 25
n-Tricontane (C30)	3.3	2.29051	69		2.86 (40-140) 25
n-Dotriacontane (C32)	3.3	2.36187	72		2.74 (40-140) 25
n-Tetratriacontane (C34)	3.3	2.63639	80		3.68 (40-140) 25
n-Hexatriacontane (C36)	3.3	3.15639	96		2.06 (40-140) 25
n-Octatriacontane (C38)	3.3	3.79796	115		1.72 (40-140) 25
n-Tetracontane (C40)	3.3	4.34579	132		1.5 (40-140) 25