

SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Remington & Vernick
Lab Code: ACE **SDG No:** Q3742
Sample No : PB170789BSD **Datafile:** FE057125.D **Client ID :** PB170789BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%) QC Limit Of RPD
Aliphatic C28-C40	30.0	26.9	90		1.1 (40-140) 25
Aliphatic C9-C28	99.9	79.6	80		1.5 (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	2.58690	78		1.29 (40-140) 25
n-Decane (C10)	3.3	2.65879	81		2.5 (40-140) 25
Naphthalene (C11.7)	3.3	3.24102	98		1.03 (40-140) 25
n-Dodecane (C12)	3.3	2.79944	85		1.18 (40-140) 25
2-methylnaphthalene (C12.89)	3.3	3.00852	91		1.1 (40-140) 25
n-Tetradecane (C14)	3.3	2.86553	87		1.16 (40-140) 25
n-Hexadecane (C16)	3.3	2.77198	84		1.2 (40-140) 25
n-Octadecane (C18)	3.3	2.73852	83		1.21 (40-140) 25
n-Eicosane (C20)	3.3	2.84577	86		1.17 (40-140) 25
n-Heneicosane (C21)	3.3	2.85935	87		1.16 (40-140) 25
n-Docosane (C22)	3.3	2.81388	85		1.18 (40-140) 25
n-Tetracosane (C24)	6.7	5.94989	89		2.27 (40-140) 25
n-Hexacosane (C26)	3.3	2.66283	81		2.5 (40-140) 25
n-Octacosane (C28)	3.3	2.64733	80		2.47 (40-140) 25
n-Tricontane (C30)	3.3	2.27892	69		1.46 (40-140) 25
n-Dotriacontane (C32)	3.3	2.19532	67		1.5 (40-140) 25
n-Tetratriacontane (C34)	3.3	2.61656	79		0 (40-140) 25
n-Hexatriacontane (C36)	3.3	3.21221	97		1.04 (40-140) 25
n-Octatriacontane (C38)	3.3	3.62158	110		1.83 (40-140) 25
n-Tetracontane (C40)	3.3	3.83382	116		0.86 (40-140) 25