

SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Remington & Vernick Engineers
Lab Code: ACE **SDG No:** Q3495
Sample No : PB170341BSD **Datafile:** FC070107.D **Client ID :** PB170341BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%) QC Limit Of RPD
Aliphatic C28-C40	30.0	30.3	101		8.4 (40-140) 25
Aliphatic C9-C28	99.9	73.8	74		7.7 (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	2.47327	75		5.19 (40-140) 25
n-Decane (C10)	3.3	2.58766	78		6.21 (40-140) 25
Naphthalene (C11.7)	3.3	2.76632	84		6.9 (40-140) 25
n-Dodecane (C12)	3.3	2.69986	82		5.92 (40-140) 25
2-methylnaphthalene (C12.89)	3.3	2.69341	82		7.06 (40-140) 25
n-Tetradecane (C14)	3.3	2.81403	85		7.91 (40-140) 25
n-Hexadecane (C16)	3.3	2.79930	85		7.91 (40-140) 25
n-Octadecane (C18)	3.3	2.77072	84		8 (40-140) 25
n-Eicosane (C20)	3.3	2.93552	89		8.6 (40-140) 25
n-Heneicosane (C21)	3.3	2.89083	88		8.7 (40-140) 25
n-Docosane (C22)	3.3	2.84104	86		8.89 (40-140) 25
n-Tetracosane (C24)	6.7	5.32657	80		7.23 (40-140) 25
n-Hexacosane (C26)	3.3	2.72483	83		8.09 (40-140) 25
n-Octacosane (C28)	3.3	2.69894	82		9.3 (40-140) 25
n-Tricontane (C30)	3.3	2.74223	83		11.36 (40-140) 25
n-Dotriacontane (C32)	3.3	2.86395	87		11.89 (40-140) 25
n-Tetratriacontane (C34)	3.3	3.29541	100		11.32 (40-140) 25
n-Hexatriacontane (C36)	3.3	3.67601	111		10.26 (40-140) 25
n-Octatriacontane (C38)	3.3	4.11750	125		7.69 (40-140) 25
n-Tetracontane (C40)	3.3	4.27193	129		8.18 (40-140) 25