

Devices	Test aspects	No. of tests	MCE	λ	PB-ROS (nmol kg ⁻¹)	Total PM (mg kg ⁻¹)	Org (mg kg ⁻¹)	OM : OC	O : C	H : C	
PB	λ^-	3	[0.991, 0.992]	[1.29, 1.30]	[345, 882]	[246, 301]	[56, 62]	[2.1, 2.4]	[0.7, 0.9]	[1.3, 1.4]	
	λ^{opt}	7	[0.999, 0.999]	[1.59, 1.64]	[288, 2325]	[50, 69]	[22, 29]	[2.7, 2.8]	[1.1, 1.2]	[1.3, 1.4]	
	λ^{++}	15	[0.963, 0.983]	[3.02, 3.11]	[1940, 5944]	[33, 61]	[15, 26]	[2.5, 2.6]	[0.9, 1.0]	[0.9, 1.0]	
MGB	Full load	Before ESP	5	[0.999, 0.999]	[1.99, 2.04]	[1758, 2034]	[65, 100]	[27, 48]	[3.1, 3.1]	[1.4, 1.4]	[1.1, 1.3]
		After ESP	3	[0.999, 0.999]	[3.91, 3.99]	[775, 1098]	[3, 4]	[1, 2]	[2.3, 2.7]	[0.7, 1.0]	[1.2, 1.4]
	Partial load	Before ESP	6	[0.999, 0.999]	[2.12, 2.30]	[780, 4083]	[19, 25]	[8, 9]	[2.1, 2.3]	[0.6, 0.8]	[1.1, 1.3]
PS	All burning phases	5	[0.989, 0.995]	[4.97, 7.59]	[5376, 36415]	[204, 625]	[60, 427]	[2.2, 2.5]	[0.8, 1.0]	[1.1, 1.3]	
LWB	All burning phases	20	[0.904, 0.999]	[1.47, 2.49]	[4307, 27590]	[262, 741]	[111, 277]	[2.5, 2.9]	[1.0, 1.4]	[1.1, 1.2]	
LWS1	All burning phases	6	[0.850, 0.933]	[3.57, 7.05]	[5915, 52528]	[381, 572]	[142, 379]	[2.3, 2.4]	[0.9, 1.0]	[1.2, 1.2]	
LWS2	All burning phases	6	[0.948, 0.976]	[3.51, 4.31]	[141457, 249755]	[49, 98]	[49, 98]	[2.3, 2.4]	[0.9, 1.0]	[1.2, 1.3]	
LWS3	All burning phases	19	[0.930, 0.968]	[4.61, 9.57]	[12160, 61258]	[151, 356]	[14, 55]	[1.9, 2.1]	[0.5, 0.6]	[1.4, 1.6]	
LWS4	Flaming	5	[0.972, 0.975]	[3.0, 3.6]	[37766, 57403]	[171, 440]	[83, 162]	[1.6, 1.7]	[0.30, 0.45]	[1.3, 1.5]	