

IFPEN-300 000 REFERENCE VALUES

Using the Bulk Rock method – Total Sulfur cycle

	S1	S2	Tmax	S3	S3CO	S4CO ₂	S4CO	S5	HI	OI	PC	RC	TOC	MINC	Total C
	mg HC/g rock		°C	mg CO ₂ /g rock	mg CO/g rock	mg CO ₂ /g rock	mg CO/g rock	mg CO ₂ /g rock	mg HC/g TOC	mg CO ₂ /g TOC	wt. %				
Average value	1.6	70.6	409	1.0	0.32	42	4.0	381	959	13	6.1	1.3	7.4	10.7	18.1
Confidence interval^{*1}	± 0.2	± 2.1	± 3	± 0.2	± 0.04	± 3	± 0.5	± 14	± 12	± 3	± 0.2	± 0.1	± 0.2	± 0.4	± 0.5
Confidence interval^{*2}	± 0.1	± 1.5	± 2	± 0.2	± 0.03	± 2	± 0.3	± 10	± 8	± 2	± 0.2	± 0.1	± 0.2	± 0.3	± 0.3

	Pyro Tot S	Oxi Tot S	Total S
	wt. %		
Average value	1.5	0.7	2.2
Confidence interval^{*1}	± 0.1	± 0.1	± 0.2
Confidence interval^{*2}	± 0.1	± 0.1	± 0.1

The reference values were calculated from analytical data derived from 11 series of 5 repetitions gathered over a 5-month period on a single Rock-Eval® 7S instrument, using the Bulk Rock method - Total Sulfur cycle.

The confidence interval is expressed as a 95% confidence interval.

*1 Confidence interval for a single analysis = standard deviation of reproducibility x 2

*2 Confidence interval for a duplicate = standard deviation of reproducibility x √2

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