

Number of records: 4  
 Ordered by: Meteorite Name

**Name, Locaton:** ACFER 094, Agemour, Algeria [27°44'N, 4°26'E, approx.]

**Date of find:** 1990/04/19

**total known weight:** 0.082kg

**Classification:** C2-UNGR, Carbonaceous chondrite, petrologic type 2(3?), ungrouped  
 brecciated

Pairing Name, Sample #	Oxygen Isotopes			Carbon Isotopes		Nitrogen Isotopes		Hydrogen Isotopes		Analysis Remarks
	$\delta^{18}\text{O}$ [% rel. SMOW]	$\delta^{17}\text{O}$ [% rel. SMOW]	$\Delta^{17}\text{O}$	$\delta^{13}\text{C}$ [% PDB]	C Yield [ $\mu\text{g/g}$ ]	$\delta^{15}\text{N}$ [% air]	N Yield [ $\mu\text{g/g}$ ]	$\delta\text{ D/H}$ [% SMOW]	H Yield [ $\mu\text{g/g}$ ]	
Acfer 094 (bulk)	1.11	-3.91	-4.487							
<b>Reference:</b> Bischoff A., Palme H., Clayton R. N., Mayeda T. K., Grund T., Spettel B., Geiger T., Endress M., Beckerling W. and Metzler K. (1991) New carbonaceous and type 3 ordinary chondrites from the Sahara desert. Meteoritics 26, 318-319 (abs.).										
Acfer 094 (bulk)	1.17	-3.91	-4.518							
<b>Reference:</b> Clayton R. N. and Mayeda T. K. (1999) Oxygen isotope studies of carbonaceous chondrites. Geochim. Cosmochim. Acta 63, 2089-2104.										
Acfer 094 (bulk)				-2.0	10000	49.2	682			
Acfer 094 (separate)				-4.2		51.2				HF/HCl residues
<b>Reference:</b> Newton J., Bischoff A., Arden J. W., Franchi I. A., Geiger T., Greshake A. and Pillinger C. T. (1995) Acfer 094, a uniquely primitive carbonaceous chondrite from the Sahara. Meteoritics 30, 47-56.										