

ITEM	PRICE (EUR), internal University of Helsinki			PRICE (EUR) external, VAT 0%		
IRMS ANALYSES*						
Combustible solids, organics (e.g. plants, fungi, animal tissue, natural fibres), phosphates	1-10 samples	11-30 samples	31 or more	1-10 samples	11-30 samples	31 or more
<i>δ18O analysis</i>	130	29	16	195	45	25
<i>δ13C analysis</i>	50	17	11	115	35	20
<i>δ15N analysis</i>	50	17	11	115	35	20
<i>δ13C and δ15N for low C/N ratio materials (e.g. collagen, keratin, muscle)</i>	55	18	13	125	40	23
Difficult matrices 1 (oils, fats)						
<i>δ13C analysis</i>	60	19	13	135	40	24
Difficult matrices 2 (mineral ash rich; e.g. soil, sediment, food crusts)	1-5 samples	6-15 samples	16 or more	1-5 samples	6-15 samples	16 or more
<i>δ13C analysis</i>	70	24	16	160	50	29
<i>δ15N analysis</i>	70	24	16	160	50	29
Calcium carbonate and skeletal carbonate						
<i>δ18O analysis</i>	90	35	21	205	75	50
<i>δ13C analysis</i>	90	35	21	205	75	50
<i>δ13C and δ18O analysis</i>	95	35	22	220	80	55
Gaseous CO2						
<i>δ18O analysis</i>	85	28	19	195	65	45
<i>δ13C analysis</i>	85	28	19	195	65	45
<i>δ13C and δ18O analysis</i>	90	29	20	210	70	50
EXTRACTIONS*						
<i>Collagen extraction from skeletal materials</i>	1-5 samples	6 or more		1-5 samples	6 or more	
<i>Ag3PO4 extraction from dental enamel for δ18O analysis</i>	60	29		145	80	
<i>Ag3PO4 extraction from dentine and bone for δ18O analysis</i>	60	35		160	95	
<i>Pretreatment for skeletal material carbonate analysis</i>	75	45		200	120	
<i>Cellulose extraction; per hour</i>	35	19		90	55	
<i>e.g. batch of 1-40 samples ca. 250 / 670 € (int./ext)</i>	25			70		
ADDITIONAL SERVICES						
<i>Drill sampling</i>	8			23		
<i>Analytical weighing, homogenized dry solids</i>	4			10		
<i>Analytical weighing, difficult (e.g. viscous, sticky, static materials)</i>	5			13		
<i>Analytical weighing; very difficult (e.g. hair and other very difficult materials)</i>	12			35		
<i>Powdering/milling</i>	9			25		
<i>Cryo-milling</i>	12			35		
<i>Drying</i>	3			6		
<i>Freeze-drying</i>	7			17		
<i>Custom treatment per hour (+ materials)</i>	25			70		
<i>Technical advisory per hour</i>	25			70		
<i>Scientific advisory per hour</i>	45			125		

*NOTE: Minimum concentrations and weights apply. Prices do not include weighing into analysis.