

2. PRECIOUS METALS TESTING SERVICE

Table 7: Precious metals testing service

Product	Test Title	Test Method	Duration	Minimum Wehght (g)	Test Charges (AED)
Gold	Determination of gold in gold jewellery alloys – Cupellation method (Fire Assay)	BS EN ISO 11426:1999	3 days	1.5 g	60
	Determination of purity of gold using Inductively Coupled Plasma – Atomic Emission Spectromerty(ICP-AES)	SOP-CP-1002	5 days	1.5 g	653
	Analysis method of gold by X-ray fluorescence XDL Xymz Fischerscope spectrometer	SOP-CP-1001	3 days	-	45
	Measurment of coating thickness by X-ray spectrometry for precious metals	SOP-CP-1005	3 days	-	45
	Hallmarking of items	SOP-CP-1001 + BS EN ISO 11426:1999	7 Days Minimum	1.5 g	Hallmarking charges + testing charges as per the Footnote ¹ .
Silver	Determination of silver in silver jewellery alloys – Volumetric (poteniometric) method using sodium chloride or potassium chloride	BS EN ISO 13756:1997	3 days	1.5 g	45
	Determination of purity of silver using Inductively Coupled Plasma – Atomic Emission Spectrometry (ICP-AES)	SOP-CP-1003	5 days	1.5 g	653
	Hallmarking of items	BS EN ISO 13756:1997	4 Days Minimum	1.5 g	Hallmarking charges + Testing charges as per the Footnote ² .

² A minimum of 10% of total number of items submitted for hallmarking shall be tested by X-ray method. From these (i.e. items tested by X-ray) a minimum of 10% of items shall be tested by Fire assay method. Based on these results hallmarking shall be performed on the lot. Note that hallmarking may not be possible on the item(s) tested by Fire assay method as sample may be damaged during sampling. The test charges shall be calculated accordingly. The duration given for hallmarking is for one item. If there is more than one item, the duration is decided by number of items submitted for hallmarking.

² A minimum of 10% of total number of items submitted for hallmarking are tested. Based on these results the hallmarking shall be performed on the lot. Note that hallmarking may not be possible on items tested as items may be damaged during sampling. The test charges shall be calculated

Platinum	Determination of purity of Platinum using Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES)	SOP-CP-1004	5 days	1.5 g	435
	Hallmarking of items	SOP-CP-1004	6 Days Minimum	1.5 g	Hallmarking charges + Testing charges as per the Footnote ³ .

Table 8: Price list for Hallmarking of items

Name of the Service	Duration	Test Charges in AED.
Hallmarking by traditional method	One day	2
Hallmarking by Laser Method	One day	5

accordingly. The duration given for hallmarking is for one item. If there is more than one item, the duration is decided by number of items submitted for hallmarking.