

GCAL Precious Metal Analysis Report

GCAL Precious Metal Analysis Report

ISO 17025 Laboratory Accredited

Date	05/24/10	Conclusion		18 Karat Yellow Gold			
Report No.	201300014	Ele	%	+/- 2σ	Ele	%	+/- 2σ
Cust. Lot	YZ-25546	Au	75.08	0.54	Pt	< LOD	0.04
Description	Ring	Ag	12.23	0.43	Ir	< LOD	0.06
Weight	5.58 grams	Cu	10.49	0.38	Pd	< LOD	0.11
Comments	Stamped "18K" & manufacturer's trademark	Zn	2.24	0.22	Rh	< LOD	0.03
		Ni	< LOD	0.01	Ru	< LOD	0.05
		Fe	< LOD	0.00	Co	< LOD	0.10

GCAL utilizes an X-ray fluorescence (XRF) spectrometer, which works on wavelength-dispersive spectroscopic principles. These principles allow us to determine the elemental chemistry of the sample, by determining the presence and relative concentration of elements. This report is not a fire assay nor other destructive test. This report relates only to the item described herein. This is a surface scan measuring 10 to 30 micron. < LOD = Below limit of detection.

© 2010 Gem Certification & Assurance Lab, Inc. All Rights Reserved.

(front)



CELEBRATING 10 YEARS

Common Precious Metal Alloy Element Abbreviations					
Gold	Au	Platinum	Pt	Ruthenium	Ru
Silver	Ag	Iridium	Ir	Nickel	Ni
Copper	Cu	Palladium	Pd	Iron	Fe
Zinc	Zn	Rhodium	Rh	Cobalt	Co

580 Fifth Ave, New York, NY 10036 • T 212.869.8985 • F 212.869.2315
www.Gemfacts.com • www.DiamondID.com • www.CDEdiamonds.com
 ISO 17025 Laboratory Accredited

© 2010 Gem Certification & Assurance Lab, Inc. All Rights Reserved.

(back)