

ORS - SUBMISSION FORM

Internal Vapor Analysis • Leak Testing

ORS
 Les Taissounières B2
 1681 route des Dolines
 06560 Valbonne Sophia Antipolis • France
 Tel : +33 4 92 92 88 89
 E-mail : info@orslabs.fr
 Web : www.orslabs.fr

Client :
 Company :
 Address :
 Tel :
 E-mail :
 cc E-mail :

Date :

Purchase Order :

LOT IDENTIFICATION

Do samples require ESD precautions during analysis ? Yes No

Manufacturer / Device Type / Package Type / Part Number / Lot Number / Date Code / SNs list (Sample Count)

ex : The Laser Company / Laser Diode / TO38 / PN 123 / lot 123456 / DC2313 / 001; 002; 003; 004; 005 (x5)

HERMETICITY TESTING

Cavity volume (V) cc

Equivalent standard leak rate (L) atm-cc/s Air

Max pressure of exposure (Pe) psia

Helium Fine Leak (A2)**Dry Helium/Oxygen Fine & Gross Leaks (A5)****Fluorocarbons Gross Leak (C1)****LEAK SITE IDENTIFICATION****Helium Sniff Testing****Fluorescent Dye Impregnation
and Cross-Sectioning**

Test reports include pictures and comments

INTERNAL VAPOR ANALYSIS

IVA (Sample Volume > 0.03cc)

TOF IVA (Sample Volume <= 0.03cc or Vacuum Sealed)

Test Method (See reverse side for description)

SOP MEL-1053 : Internal Vapor Analysis - Commercial Practice

SOP MEL-1018*: DLA Land & Maritime Suitability for Military Devices - Internal Gas Analysis

Mil-Std-883 TM-1018 Mil-Std-750 TM-1018

* As part of the Laboratory Suitability Program ORS must summarize the Pass/Fail data (Moisture < 5000 ppm) in its retention report to DLA Land & Maritime.
 All records are subject to audit and inspection by the U.S. Government.

SOP MEL-1070 : Gas Analysis of Sealing Chamber Atmosphere

NB : sampling cylinders available from ORS.**Prebake**

16-24 hrs @100°C None Other :

16-24 hrs @100°C Prebake is Mandatory for SOP MEL-1018

Device Test Temperature

100°C Other :

Cavity Volume

cc

Device Fill Gas

Nitrogen Nitrogen/Helium
 Air Other :

ABSOLUTE Internal Pressure

~1Atm Vacuum Other :

Specific Puncture Site

No Yes, location :

Wall Thickness at Puncture Site

Unknown mm :

Test Quantity

All Other :

**ADDITIONAL
INSTRUCTIONS****RETURN SHIPMENT**

None ORS Shipper Other