

**LABORATORY SUBMISSION FORM  
(PAGE 1) Rev J**

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DATE \_\_\_\_\_

COMPANY \_\_\_\_\_  
ADDRESS \_\_\_\_\_

P.O. NO. \_\_\_\_\_

RELEASE NO. \_\_\_\_\_

BUYER \_\_\_\_\_

REQUESTOR \_\_\_\_\_

EMAIL ADDRESS \_\_\_\_\_

PHONE NO. \_\_\_\_\_

FAX NO. \_\_\_\_\_

**COMMERCIAL MASS SPECTRAL ANALYSIS (IGA) TESTING SERVICES**

This test is performed using the same test methods as per MIL-STD 883/750, Method 1018. It permits variations to the procedure and/or device test conditions to achieve the best test conditions for the specific client application, process development, R&D material evaluation and failure analysis. All BioMedical companies please use this section. *This data is NOT subject to inclusion in the annual retention report to DLA Land and Maritime. All records regarding these tests are confidential.*

\_\_\_\_\_ Commercial Mass Spectral Analysis (IGA) Testing Services

QTY OF PARTS SUBMITTED \_\_\_\_\_

STANDARD SERVICE (3 TO 5 WORKING DAYS) \_\_\_\_\_

PRIORITY SERVICE (1 -2 WORKING DAYS \$30.00 ADDITIONAL CHARGE PER DEVICE) \_\_\_\_\_

PASS/FAIL LIMIT \_\_\_\_\_

PREBAKE TEMPERATURE \_\_\_\_\_

**COMMERCIAL MASS SPECTRAL ANALYSIS (IGA) FOR GAS CYLINDERS**

This test method quantitatively measures the process sealing gases sampled from sealing chambers and/or gas supply lines using a specially prepared sampling cylinder.

\_\_\_\_\_ Mass Spectral Analysis (IGA) of gas cylinder

List primary gases expected \_\_\_\_\_

**MILITARY MASS SPECTRAL ANALYSIS TESTING SERVICES FOR DLA  
LAND AND MARITIME SUITABILITY DEVICES**

This test procedure is used exclusively for testing hermetic devices in accordance with MIL-STD 883 or 750, Test Method 1018 per the conditions of "suitability" status granted by DLA Land and Maritime. No variations are permitted to this procedure or to the device test conditions. All tests performed per this procedure are subject to inclusion in the annual retention report to DLA Land and Maritime and all records regarding these tests are subject to audit and inspection by the US Government. Suitability range: > 0.01cc volume  
**ALL PARTS OF THE LABORATORY SUITABILITY PROGRAM WILL BE INCLUDED IN OUR RETENTION REPORTING TO DLA LAND AND MARITIME.**

\_\_\_\_\_ MIL-STD 883K w/change 1, METHOD 1018.8 GAS ANALYSIS (pass/fail criteria will be reported for water (5000 ppm or greater) Oxygen (10,000 ppm or greater), Fluorocarbons (50 ppm or greater) and a 15% pressure differential among like units. All parts will be prebaked for 16 to 24 hours @ 100 degree C)

\_\_\_\_\_ MIL-STD 750-1A w/change 2, METHOD 1018.6 GAS ANALYSIS (pass/fail criteria will be reported for water (5000 ppm or greater) Oxygen (10,000 ppm or greater), Fluorocarbons (50 ppm or greater) and a 15% pressure differential among like units. All parts will be prebaked for 16 to 24 hours @ 100 degree C)

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\_\_\_\_\_ QUALIFICATION TEST \_\_\_\_\_ OTHER (MIL-STD 883, Method 1008 special bake)

**IF YOUR PART IS UNDER .01cc IN VOLUME YOU WILL NEED TO REQUEST  
COMMERCIAL MASS SPECTRAL ANALYSIS (IGA).**

Quantity of parts submitted \_\_\_\_\_

\_\_\_\_\_ Standard Service (3 to 5 working days)

\_\_\_\_\_ Priority Service (1-2 days, \$30.00 additional charge per part)

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**REQUIRED INFORMATION FOR ALL CUSTOMERS**

\_\_\_ TEST ALL UNITS \_\_\_ 3 OF 5 TEST (STOP IF 3 PASS, 5 WITH 1 FAIL, STOP IF 2 FAIL)

LID THICKNESS \_\_\_\_\_ PUNCTURE LOCATION (ATTACH DRAWING OR MARK PARTS)

ESD HANDLING: \_\_\_\_\_ IS THE PART SEALED UNDER VACUUM \_\_\_\_\_

DOES YOUR SAMPLE CONTAIN ANY HAZARDOUS OR EXPLOSIVE MATERIALS? YES \_\_\_ NO \_\_\_

IF YES, LIST MATERIALS: \_\_\_\_\_

**SPECIAL INSTRUCTIONS**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**PART INFORMATION**

(MUST BE COMPLETED, PLEASE USE SEPARATE SHEET IF YOU NEED TO)

| PART NO (AS SHOWN ON PART) | DATE CODE | SERIAL NO | MANUFACTURER |
|----------------------------|-----------|-----------|--------------|
| _____                      | _____     | _____     | _____        |
| _____                      | _____     | _____     | _____        |
| _____                      | _____     | _____     | _____        |
| _____                      | _____     | _____     | _____        |
| _____                      | _____     | _____     | _____        |

Do you want your data emailed? (provide email address) \_\_\_\_\_

**RETURN SHIPMENT:**

|   |                   |
|---|-------------------|
| UPS: ___ RED ___ BLUE ___ ORANGE ___ GROUND     | ACCOUNT NO: _____ |
| FED-X: ___ PRIORITY-1 ___ STANDARD ___ ECONOMY  | ACCOUNT NO: _____ |
| AIRBORNE: ___ OVERNIGHT ___ AFTERNOON ___ 2-DAY | ACCOUNT NO: _____ |
| OTHER: _____                                    | ACCOUNT NO: _____ |