

GUIDELINES FOR THE PREPARATION OF PRODUCT ANALYSIS REPORTS

GENERAL INSTRUCTIONS

Jan 2004

These instructions are designed for use as a guide in preparing/formatting product analysis reports for liquid propellants, gases and cryogenic liquids. To facilitate scanning or imaging, only computer generated or typed test reports are acceptable, there should be no handwritten entries. Table I includes the test codes used in this standard report format that will be incorporated into future Electronic Data Interchange (EDI) transmissions of test result data. A template of the standardized test report format is provided in Figure I.

Each report should be tailored to include only those rows of information that are applicable to the specific product being tested and the methods used to evaluate each property. Select only those methods authorized by the product specification unless otherwise stated in the contract. The code used should be limited to the actual test method used for a particular analysis. If a test code does not appear for a specification or contract approved method, contact the Defense Energy Support Center (DESC) at (210) 925-2488.

DETAILED INSTRUCTIONS FOR THE STANDARD TEST REPORT FORMAT (FIGURE 1)

Items appearing in italics inside brackets are meant to be short descriptions of the data being requested and should be replaced with the appropriate data.

The test method should be the paragraph cited in the specification for that method or the ASTM procedure cited in the product specification.

Test codes are unique to each test method of each specification or contract clause and must be included on the report.

Table I

<u>Test Codes</u>	<u>Test Description</u>	<u>Units</u>	<u>Specification/Paragraph</u>
Carbon Dioxide			
1188	Purity	% vol	CGA G-6.2, Para 5.2
1189	Acetaldehyde	ppmV	CGA G-6.2, Para 5.3
1190	Carbon monoxide	ppmV	CGA G-6.2, Para 5.6
1191	Carbonyl sulfide	ppmV	CGA G-6.2, Para 5.7
1192	Nitric Oxide and Nitrogen Dioxide	ppmV	CGA G-6.2, Para 5.11
1193	Oxygen	ppmV	CGA G-6.2, Para 5.16
1194	Sulfur Dioxide	ppmV	CGA G-6.2, Para 5.18
1195	Total Sulfur	ppmV	CGA G-6.2, Para 5.20
1196	Total hydrocarbon content (as methane)	ppmV	CGA G-6.2, Para 5.19
1197	Hydrogen Sulfide	ppmV	CGA G-6.2, Para 5.9
1198	Nonvolatile residue	ppmW	CGA G-6.2, Para 5.13
1199	Odor		CGA G-6.2, Para 5.14
1200	Water	ppmV	CGA G-6.2, Para 5.21
1201	Dew point	°F	CGA G-6.2, Para 5.21

Figure 1

[Name of laboratory performing analysis]
[Address of laboratory performing analysis]
[phone, fax, email of laboratory performing analysis]

Report of Analysis
[name of product]

Report Date: <i>[date of certified report]</i>	Report Number: <i>[unique lab report number]</i>
Manufacturer: <i>[name of manufacturer]</i>	Specification: <i>[spec with revision and amendment]</i>
<i>[address of manufacturer]</i>	Product: <i>[name of product]</i>
<i>[address of manufacturer]</i>	Type: <i>[type or grade of product]</i>
Submitted by: <i>[name of submitter]</i>	NSN: <i>[national stock number]</i>
<i>[address of submitter]</i>	Contract: <i>[contract number]</i>
<i>[address of submitter]</i>	Lot: <i>[batch or lot number]</i>
Date Sampled: <i>[sample date]</i>	Reason for submission: <i>[reason for performing analysis]</i>
Sample Origin: <i>[tank no., drum no., etc.]</i>	Qty Represented: <i>[quantity of product represented by sample]</i>
Sample No.: <i>[submitters sample identification]</i>	

CODE	METHOD	TEST	UNITS	MIN	MAX	RESULTS
<i>[test code]</i>	<i>[test method]</i>	<i>[test description]</i>	<i>[units]</i>	<i>[spec limits]</i>		<i>[test result]</i>
.
.
.
.
.

Remarks: *[include any remarks concerning the analysis]*

[Signature of the certifying official]
[Signature block of certifying official]