

MIL-P-87896  
 AMENDMENT 1  
 23 OCT 1987

MILITARY SPECIFICATION  
 PROPELLANT, NITROGEN TRIFLUORIDE

This amendment forms a part of Military Specification MIL-P-87896, dated 4 October 1982, and is approved for use by all Departments and Agencies of the Department of Defense.

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TABLE I, COMPOSITION, delete and substitute:

TABLE I. Composition.

COMPOSITION	LIMIT	TEST PARAGRAPH
Assay, (purity), Nitrogen Trifluoride (NF <sub>3</sub> ) percent by vol, min	98.0	4.5.4
Tetrafluoromethane (CF <sub>4</sub> ) percent by vol, max	1.0	4.5.2
Carbon Monoxide (CO)/Oxygen (O <sub>2</sub> ) + Nitrogen (N <sub>2</sub> ), percent by vol, max	1.5	4.5.2
Carbon Dioxide (CO <sub>2</sub> ), percent by vol, max	0.1	4.5.2
Nitrous Oxide (N <sub>2</sub> O), percent by vol, max	0.2	4.5.2
Difluorodiazine (N <sub>2</sub> F <sub>2</sub> ), percent by vol, max	0.1	4.5.2
Total Reactive Fluoride (as HF, hydrogen fluoride), parts per million (ppm) by vol, max	10	4.5.1
Water (H <sub>2</sub> O), ppm by vol, max	5	4.5.3

Custodians:

Army - MI

Navy - AS

Air Force - 68

Preparing Activity

Air Force - 68

(Project 9135-0119)

Review Activities:

Air Force - 12