

REDACTED

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GC ANALYSIS OF DENATURED ALCOHOL

(mo/yr)

Revisions					Rev:		
Letter	E.O. Number - Description				Date		
Used On	Contract#:		Your Company Name				
Prepared By:							
Originator:							
Your Dept:			LABORATORY PROCEDURE				
Your Dept:							
Your Dept:			Your Procedure #				
Your Dept:			Size:	A	CAGE:		Form Rev: Orig 1 of 4

Your Logo

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1.0 Purpose of Process

A gas chromatograph can be used to quantify the amount of isopropyl alcohol in each lot of denatured alcohol prior to its introduction into the production process.

2.0 Process Definition

To determine the amount of isopropyl alcohol in each lot of denatured alcohol, a sample of alcohol from the lot must be analyzed by gas chromatography. The general parameters for analysis of denatured alcohol by gas chromatography are found in [REDACTED]

3.0 Equipment

3.1 [REDACTED]

3.2 Gas Chromatograph

3.3 [REDACTED]

3.4 Sampling Apparatus

3.5 [REDACTED]

4.0 Materials

4.1 Isopropyl Alcohol

5.0 Preparations

The GC must be warmed-up and [REDACTED]

6.0 Document Review

6.1 [REDACTED]

7.0 Safety Requirements

7.1 Safety Equipment

The technician performing the analysis [REDACTED]

7.2 Safety Precautions

If any of the glassware [REDACTED]
[REDACTED] If the technician has [REDACTED]
[REDACTED]

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8.0 Technician Responsibilities

The technician should understand how [REDACTED]

The technician should understand [REDACTED]

The technician is responsible for [REDACTED]

The technician should have knowledge of the following documents: [REDACTED]

9.0 Process Controls

The analysis should be performed according to the procedure described herein.

Any changes [REDACTED]

All of the required data should [REDACTED]

10.0 Procedures

10.1 Obtain a 10ml sample of denatured alcohol from each lot received using clean sampling apparatus and beaker.

10.2 Record material lot [REDACTED]

NOTE: Traceability information is [REDACTED]

10.3 Start the GC according to its Operation Manual.

10.4 Prepare a [REDACTED] according to [REDACTED]

10.5 Measure the 100ppm alcohol standard and record the results – do not correct for [REDACTED]

10.6 Measure the test denatured alcohol samples and record the results – do not correct for [REDACTED] Notify the Lab Supervisor if [REDACTED]

10.7 Repeat the measurement [REDACTED] and record the results – do not correct for [REDACTED]

10.8 Compare the [REDACTED] test samples and [REDACTED] test results for [REDACTED] – notify the Lab Supervisor if [REDACTED]

10.10 [REDACTED] Submit the results in the form of [REDACTED]