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Phenolphthalein Test Indicator

(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 5

Your Logo

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11.0 1% W/V Solution - 1.....4

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1.0 Purpose of Process

A dilute solution of phenolphthalein can be used to detect the presence of alkalinity. The solution is colorless to pH [REDACTED], pink from approximately pH [REDACTED] and deep-red above pH [REDACTED].

2.0 Process Definition

Produce a test indicator to detect the presence of alkalinity above pH [REDACTED].

3.0 Equipment

- 3.1 [REDACTED]
- 3.2 [REDACTED]
- 3.3 [REDACTED]
- 3.4 [REDACTED]

4.0 Materials

- 4.1 [REDACTED]
- 4.2 [REDACTED]
- 4.3 Phenolphthalein
- 4.4 [REDACTED]
- 4.5 [REDACTED]

5.0 Preparations

No special preparation is required.

6.0 Document Review

- 6.1 Merck Index

7.0 Safety Requirements

- 7.1 Safety Equipment
The technician preparing the solution should [REDACTED]

- 7.2 Safety Precautions
If any of the glassware breaks [REDACTED]
[REDACTED] he/she should [REDACTED]

8.0 Technician Responsibilities

The technician should [REDACTED]
The technician should [REDACTED]

The technician is responsible for [REDACTED]

9.0 Process Controls

The test indicator should be produced according to the procedure described herein. Any changes to this procedure [REDACTED]

develop [REDACTED]

10.0 0.2% V/V Solution

10.1
10.2
10.3
10.4
10.5
10.6
10.7

10.8 Shelf life of the phenolphthalein solution is [REDACTED]

11.0 1% W/V Solution - 1

11.1
11.2
11.3
11.4

Your Company Name

REV

CAGE

DOC#:

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11.5 Shelf life of the phenolphthalein solution is _____

12.0 1% W/V Solution - 2

12.1
12.2
12.3
12.4
12.5
12.6

12.7 Shelf life of the phenolphthalein solution is [redacted] [redacted]