

PH DETERMINATION OF ZYN PRODUCTS

(b) (4)

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Scope

The scope of this method is to determine the pH of tobacco derived nicotine products. A specific amount of sample is mixed with (b) (4)

Applies to

Owensboro Analytical Science

General

Principle of the method

The determination of pH is accomplished through the use of a (b) (4)

Data is transferred directly to the computer upon successful completion of each individual pH measurement.

Field of application, range and uncertainty

(b) (4)

Measurement uncertainty

(b) (4)

Literature references

(b) (4)

Risk assessments and safety instructions

Summarized risk assessments

Eye protection should be worn throughout preparation and use of samples, pH buffers and pH electrode maintenance solutions. Gloves and eye protection should be worn when cleaning the probe.

Risk and Safety Phrases

(b) (4)

Equipment

Instruments and laboratory facilities

(b) (4)

(b) (4)

Chemicals, reagents and solvents

(b) (4)

(b) (4)

Handling of samples

Storage of Sample

(b) (4)

Preparation of sample and amount needed

(b) (4)

Title: pH Determination of ZYN Products by

(b) (4)

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Analysis

Calibration and/or checking of instrument

(b) (4)

Procedure for analysis

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Special instruction

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Results from measurements

Collection and storage of results

(b) (4)

Calculations

(b) (4)

Quality assurance

(b) (4)

Control chart

(b) (4)

(b) (4)

Reporting results

(b) (4)

Revision History

Revision 00 – 3/13/2019

- (b) (4)

Revision 01 – 5/21/2019

- (b) (4)

Revision 02 – 9/04/2019

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Responsible for Method Approval

Director APS

Paper copies of this document can be found in these places:

Location	Number	Responsible for updating
(b) (4)		

Validation

The samples used in the validation study are listed below in Table 1:

Sample	Sample Type	Validation	pH
(b) (4)			

Table 1: Samples used in ZYN pH Validation

Repeatability

(b) (4)

Precision within laboratory

(b) (4)

Robustness

(b) (4)

Robustness: Weight Variation

(b) (4)

Robustness: Sample Stability

(b) (4)

Measurement range and measurement uncertainty

(b) (4)