DJS ISO 19396-1: 2023 ICS 87.040

Draft Jamaican Standard

Method of Test

for

Paints and varnishes — Determination of pH value — Part 1: pH electrodes with glass membrane



BUREAU OF STANDARDS JAMAICA

NON-OBJECTION PERIOD:

31 MAY 2023 - 29 JUNE 2023

MARIAN

IMPORTANT NOTICE

Jamaican standards are subjected to periodic review. The next amendment will be sent without charge if you cut along the dotted line and return the self-addressed label. If we do not receive this label we have no record that you wish to be kept up-to-date. Our address:

Bureau of Standards Jamaica 6 Winchester Road P.O. Box 113 Kingston 10 Jamaica W.I.

------(" cut along the line)-----

<mark>JS ISO 19396-1: 202X</mark>

NAME OR DESIGNATION
ADDRESS

JBS CERTIFICATION MARK PROGRAMME

The general policies of the JBS Certification Mark Programme are as follows:

- The JBS provides certification services for manufacturers participating in the programme and licensed to use the gazetted JBS Certification Marks to indicate conformity with Jamaican Standards.
- Where feasible, programmes will be developed to meet special requirements of the submitter. Where applicable, certification may form the basis for acceptance by inspection authorities responsible for enforcement of regulations.
- In performing its functions in accordance with its policies, JBS will not assume or undertake any responsibility of the manufacturer or any other party.

Participants in the programme should note that in the event of failure to resolve an issue arising from interpretation of requirements, there is a formal appeal procedure.

Further information concerning the details of the JBS Certification Mark Programme may be obtained from the Bureau of Standards, 6 Winchester Road, Kingston 10.

CERTIFICATION MARKS



Certification of Agricultural Produce (CAP) Mark



Plant Certification Mark



Jamaica-Made Mark

Draft Jamaican Standard

Method of Test

for

Paints and varnishes — Determination of pH value — Part 1: pH electrodes with glass membrane

Bureau of Standards Jamaica 6 Winchester Road P.O. Box 113 Kingston 10 Jamaica W. I. Tel: (876) 926 -3140-5, (876) 618 – 1534 or (876) 632-4275 Fax: (876) 929 -4736 E-mail: <u>info@bsj.org.jm</u> Website: <u>www.bsj.org.jm</u>

Month 202X

© 202X Bureau of Standards Jamaica

All rights reserved. Unless otherwise specified, no part of a Bureau of Standards publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including, photocopying microfilm or scanning, without permission in writing.

ISBN XXX.XXXX.XXX

Declared by the Bureau of Standards to be a standard Method of Test pursuant to section 7 of the Standards Act 1969.

First published Month 202X

This standard was circulated in draft form for thirty (30) days non-objection under the reference DJS ISO 19396-1: 2023.

Jamaican Standards establish requirements in relation to commodities, processes and practices, but do not purport to include all the necessary provisions of a contract.

The attention of those using this specification is called to the necessity of complying with any relevant legislation.

No.	Date of Issue	Remarks	Entered by and date
RAT			

Amendments

Contents

		Page
	nal foreword nittee representation	ii iii
Ackn	owledgement	iii
Fore	vord	iv
Intro	duction	v
1	Scope	
2	Normative references	
3	Terms and definitions	
4	Principle	5
5	Apparatus and materials	5
6	Sampling	8
7	Procedure	
	7.1 Test conditions 7.2 Calibration	
	7.3 Number of determinations	
-	7.4 Measuring the pH value	
8	Evaluation	
9	Precision 9.1 General	
	9.2 Repeatability limit, r	9
	9.3 Reproducibility limit, <i>R</i>	
10	Test report	
Anne	x A (informative) Recommended pH electrodes for different groups of coating materials, based on the results of interlaboratory tests	11
Anno	x B (informative) Determination of precision	
	ography	
	RATI	

National foreword

This standard is an adoption and is identical to ISO 19396-1: 2017(en) Paints and varnishes — Determination of pH value — Part 1: pH electrodes with glass membrane published by the International Organization for Standardization.

Scope of the standard

This document specifies a method for laboratory measurement of the pH value of polymer dispersions and coating materials using pH electrodes with a glass membrane. ISO 19396-2 specifies a method for measuring the pH value using pH electrodes with ion-sensitive field-effect transistor (ISFET) technology.

Where the words 'International Standard' appear, referring to this standard, they should be read as 'Jamaican Standard'.

Where reference is made to informative and normative annexes the following definitions should be noted:

- Informative Annex gives additional information intended to assist in the understanding or use of the document. They do not contain requirements.
- Normative Annex gives provisions additional to those in the body of a document. They contain requirements.

Users should note that all standards undergo revision from time to time and that any reference made herein to any standard implies its latest edition, unless otherwise stated.

This standard is voluntary.

ii

Committee representation

The preparation of this standard for the Standards Council, established under the Standards Act of 1969, was carried out under the supervision of the Paints and Surface Coatings Technical Committee which at the time comprised the following members:

Acknowledgment

Acknowledgement is made to the International Organization for Standardization (ISO) for permission to adopt ISO 19396-1: 2017(E).