ISO/DIS FDIS 13548:2024(en)

ISO/TC 183/WG 1

Secretariat: SA

Date: 2024-12-232025-05-22

Copper and zinc sulfide concentrates — Determination of fluorine content by sodium hydroxide fusion and fluoride ion selective electrode detection

(https://standards.iteh.ai)

https://standards.iteh.ai/catalog/standards/iso/c8012cd5-6a37-4a48-9a42-f630634d918c/iso-fdis-13548

DISFDIS stage

ISO/FDIS 13548:2025(en)

© ISO 2024 <u>2025</u>

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office CP 401 • Ch. de Blandonnet 8 CH-1214 Vernier, Geneva Phone: + 41 22 749 01 11 E-mail: copyright@iso.org Website: www.iso.org

Published in Switzerland

iTeh Standards (https://standards.iteh.ai) Document Preview

<u> ISO/FDIS 13548</u>

https://standards.iteh.ai/catalog/standards/iso/c8012cd5-6a37-4a48-9a42-f630634d918c/iso-fdis-13548

ISO/FDIS 13548:2025(en)

Contents

Forewordiv		
1	Scope	
2	Normative references 1	
3	Terms and definitions1	
4	Principle1	
5	Reagents	
6	Apparatus3	
7	Instrument operating parameters	
8 8.1 8.2	Sampling and sample preparation	
9 9.1	Procedure	
9.2 9.3	Test portion	
9.4 9.5	Dissolution of the test portion by NaOH fusion	
9.6 9.7	Preparation of the leach solution	
9.8 9.9 9.10	Preparation of the calibration solutions and stabilization solution	
10	Calculations	
11	Procedure for obtaining the final result9	
12	Test report ISO/FDIS 13548 9	
13 13.1 13.2	Precision Precision Precision Procedure for obtaining the final result Procedu	
13.3 13.4	Interlaboratory precision 10 Check of trueness 10	
Annex A (normative) Procedure for obtaining the final results12		
Annex B (informative) Procedure for the preparation and determination of the mass of a predried test portion13		
Annex C (informative) Trueness test1		
Bibliography		

ISO/FDIS 13548:2025(en)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

ISO draws attention to the possibility that the implementation of this document may involve the use of (a) patent(s). ISO takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, ISO had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at www.iso.org/patents. ISO shall not be held responsible for identifying any or all such patent rights.

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 183, Copper, lead, zinc and nickel ores and concentrates.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

https://standards.iteh.ai/catalog/standards/iso/c8012cd5-6a37-4a48-9a42-f630634d918c/iso-fdis-13548