

~~ISO DIS~~ 7431-1:2023(E)

ISO TC 47/WG 3

Secretariat: JISC

Date: 2023-09-15-10-09

Thiourea for industrial use — Part 1: Test methods

Style Definition: List Number 1: Tab stops: Not at 19.85 pt + 39.7 pt + 59.55 pt + 79.4 pt + 99.25 pt + 119.05 pt + 138.9 pt + 158.75 pt + 178.6 pt + 198.45 pt
Style Definition: a2: Tab stops: 18 pt, List tab
Style Definition: a3: Tab stops: 36 pt, List tab
Style Definition: a4: Tab stops: 54 pt, List tab
Style Definition: a5: Tab stops: 54 pt, List tab
Style Definition: a6: Tab stops: 72 pt, List tab
Style Definition: ハッシュタグ1
Style Definition: メンション1
Style Definition: スマート ハイパーリンク1
Style Definition: 未解決のメンション1
Style Definition: AMEND Terms Heading: Pattern: 15%
Style Definition: AMEND Heading 1 Unnumbered: Pattern: 15%
Style Definition: IneraTableMultiPar: Font: Not Bold, Justified
Formatted: Font: 11.5 pt
Formatted: Font: 11.5 pt
Formatted: Font: 11.5 pt, English (United Kingdom)
Formatted: Font: 11.5 pt
Formatted: Font: Bold
Formatted: English (United Kingdom)
Formatted: Font: Bold, English (United Kingdom)

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

[ISO/PRF 7431-1](https://standards.iteh.ai/catalog/standards/sist/1b3789dd-2887-477b-b2f2-68cff2092341/iso-prf-7431-1)

<https://standards.iteh.ai/catalog/standards/sist/1b3789dd-2887-477b-b2f2-68cff2092341/iso-prf-7431-1>

Formatted: English (United Kingdom)

© ISO 2023

Formatted

Formatted: English (United Kingdom)

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

Fax: +41 22 749 09 47

Email: copyright@iso.org

Website: www.iso.org

Published in Switzerland

iTeh Standards
(<https://standards.itih.ai>)
Document Preview

ISO/PRF 7431-1

<https://standards.itih.ai/catalog/standards/sist/1b3789dd-2887-477b-b2f2-68cf2092341/iso-prf-7431-1>

Contents

Foreword	iv
Introduction	v
1 — Scope	1
2 — Normative references	1
3 — Terms and definitions	1
4 — Test methods	1

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

[ISO/PRF 7431-1](https://standards.iteh.ai/catalog/standards/sist/1b3789dd-2887-477b-b2f2-68cf2092341/iso-prf-7431-1)

<https://standards.iteh.ai/catalog/standards/sist/1b3789dd-2887-477b-b2f2-68cf2092341/iso-prf-7431-1>

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Test methods	1

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

[ISO/PRF 7431-1](#)

<https://standards.iteh.ai/catalog/standards/sist/1b3789dd-2887-477b-b2f2-68cf2092341/iso-prf-7431-1>

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 documents 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.

Formatted: English (United Kingdom)

Formatted: English (United Kingdom)

Formatted: English (United Kingdom)

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 47, Chemistry.

Formatted: Font: Not Italic

A list of all parts in the ISO 7431 series can be found on the ISO website.

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.

Introduction

Thiourea (CAS¹ No. 62-56-6), as a kind of chemical raw material, is widely used in the manufacture of drugs, dyes, resins, compression plastic powder, etc., and can also be used as vulcanization accelerator for rubber and flotation agent for metal minerals, especially in the field of high-folding optical resin materials. China has developed corresponding industry standard (HG/T 3266-2019), and Japan also has relevant standard (JIS K9635: 2011). This document is prepared with reference to these standards.

Formatted: English (United Kingdom)

Formatted: English (United Kingdom)

Formatted: English (United Kingdom)

Molecular Thiourea molecular weight: 76,12 (according to international relative atomic mass of 2019)

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

ISO/PRF 7431-1

<https://standards.iteh.ai/catalog/standards/sist/1b3789dd-2887-477b-b2f2-68cf2092341/iso-prf-7431-1>

¹ Chemical Abstracts Service (CAS) Registry Number® is a trademark of the American Chemical Society (ACS). This information is given for the convenience of users of this document and does not constitute an endorsement by ISO of the product named. Equivalent products may be used if they can be shown to lead to the same results.