
**Brown coals and lignites —
Determination of true relative density
and apparent relative density**

*Charbons bruns et lignites — Détermination de la densité relative
vraie et de la densité relative apparente*





COPYRIGHT PROTECTED DOCUMENT

© ISO 2021

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
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

Contents

Page

Foreword.....	iv
1 Scope.....	1
2 Normative references.....	1
3 Terms and definitions.....	1
4 Determination of the true relative density by the water method.....	1
4.1 Principle.....	1
4.2 Reagents.....	2
4.3 Apparatus.....	2
4.4 Sample.....	2
4.5 Procedure.....	3
4.5.1 Calibration of the mass of the pycnometer(s).....	3
4.5.2 Determination of true relative density.....	3
4.6 Calculation of results.....	3
4.7 Precision.....	4
4.7.1 Repeatability limit.....	4
4.7.2 Reproducibility limit.....	4
4.8 Test report.....	4
5 Determination of the apparent relative density.....	4
5.1 Principle.....	4
5.2 Reagents.....	5
5.3 Apparatus.....	5
5.4 Sample.....	5
5.5 Procedure.....	5
5.6 Calculation of results.....	7
5.7 Precision.....	7
5.7.1 Repeatability limit.....	7
5.7.2 Reproducibility limit.....	7
5.8 Test report.....	7