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Aluminium fluoride for industrial use — Determination of trace elements — Wavelength dispersive X-ray fluorescence spectrometric method using pressed powder tablets

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National foreword

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The UK participation in its preparation was entrusted to Technical Committee CII/24, Raw materials for the aluminium industry.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Aluminium fluoride for industrial use — Determination of trace elements — Wavelength dispersive X-ray fluorescence spectrometric method using pressed powder tablets

*Fluorure d'aluminium à usage industriel — Détermination d'éléments
traces — Méthode par spectrométrie de fluorescence des rayons X à
dispersion de longueur d'onde utilisant des pastilles de poudre pressée*



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Foreword

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ISO 12926 was prepared by Technical Committee ISO/TC 226, *Materials for the production of primary aluminium*.

Introduction

Aluminium fluoride is used as an electrolyte additive to the aluminium smelting bath to regulate the acidity, or excess aluminium fluoride, level of the electrolyte. This use is critical in the operation of all electrolysis cells used for the production of aluminium. Aluminium fluoride is also used in the cast house as an additive to metal in crucibles in the Treatment of Aluminium in a Crucible process (TAC).