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JJF

NATIONAL METROLOGY TECHNICAL SPECIFICATION OF THE PEOPLE'S REPUBLIC OF CHINA

JJF 1425-2013

Program of Pattern Evaluation of Nitrate-Nitrogen Automatic Analyzers

硝酸盐氮自动监测仪型式评价大纲

(English Translation)

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Introduction

This outline is based on JJF 1016 "Measuring Instruments type evaluation outline guidelines for the preparation", JJF 1015 "Measuring Instruments type Type evaluation and type approval of universal norms "and JJF 1001" common measurement terms and definitions of "compilation.

The outline of the technical specifications of reference JJG656-2013 "nitrate automatic monitor", GB/T 11606-2007 "Instruments - Environmental test methods for analysis" and other technical regulations.

This outline is the first release.

Nitrate automatic monitor type evaluation outline

1 Scope

This outline is applicable to type evaluation online automatic monitor nitrate-based electrode and spectrophotometric method.

2. References

JJG656-2013 nitrate Diver Laboratory use specifications and test methods GB/T 6682-2008 Analysis GB/T 11606-2007 analytical instruments environmental test methods these documents contain provisions which through reference in this syllabus constitute provisions of this outline. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply in this outline, however,

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encourage root According to the parties that this outline agreement whether the latest versions of these documents. For undated reference documents Member, the latest versions apply to this outline.

3 Overview

Nitrate Diver automatic continuous monitoring of groundwater, surface water, sewage and industrial waste water and other water bodies the nitrate concentrations.

Nitrate Diver measurement method and the main electrode. Spectrophotometry by measuring a specific wavelength the absorbance of water samples quantitative determination of nitrate nitrogen content; electrode is obtained nitrate in water samples by measuring the electrode potential Acid nitrogen content.

Instrument consists of sampling, processing water samples, testing, data acquisition, processing, display and transmission unit.

Technical information and test prototype to be submitted by the applicant 4 Technical data submitted 4.1 Technical submissions include.

a) prototype photos;

b) product standards (including test methods);

c) assembly diagram, schematic diagram and major components;

d) Instructions;

e) manufacturing unit or technical test report done by institutions.

4.2 provides experimental prototype

4.2.1 The applicant shall provide own production prototype. The applicant can apply for a single product to be Press products apply. Where the application as a single product, under normal circumstances should provide two prototypes. Press products Application to extract a third of a representative of each series of product specifications of products; each specification provides test prototype Number, according to the principle of a single product application execution; according to the above principles, too much the number of prototypes can be appropriate to reduce the number of prototypes the amount. Representative specifications, acceptance of the application by the government administrative departments and agencies have undertaken trials on the application of technology

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