

# DIN EN 16075:2012-01 (E)

Fertilizers - Determination of N-(2-nitrophenyl)phosphoric triamide (2-NPT) in urea and fertilizers containing urea - Method using high-performance liquid chromatographie (HPLC)

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
1	Scope .....	4
2	Normative references .....	4
3	Terms and definitions .....	4
4	Principle .....	4
5	Reagents .....	4
6	Apparatus .....	4
7	Sampling and sample preparation .....	5
8	Procedure .....	5
8.1	Preparation of the test solution .....	5
8.2	Preparation of the test solution in the presence of paraffin's as conditioning agents .....	5
8.3	Preparation of the calibration solutions .....	5
8.4	HPLC conditions .....	6
8.5	HPLC determination .....	6
9	Calculation and expression of the results .....	6
9.1	Calculation .....	6
9.2	Expression of results .....	7
10	Precision .....	7
10.1	Inter-laboratory test .....	7
10.2	Repeatability .....	7
10.3	Reproducibility .....	7
11	Test report .....	8
Annex A (informative) Statistical results of the inter-laboratory test .....		9
Bibliography .....		10