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**TEST REPORT**

**REPORT NO.: 20-07-17403**

**Pesticide/Herbicide Compounds**  
**ANALYTICAL REPORT**

**Nature of Product: OSMO Cow Fertilizer Sample.**

**Date of Report: 11<sup>th</sup>. August 2020.**

**Sample Reference: OSMO Cow Fertilizer.**

**Sample Size: 1 x 500grams.**

**E.Marker A/S  
Okslundvej 8  
BOV DK-6330  
Padborg  
Denmark.**

**For The Attention of: Mr. Carsten Marker.**

**Contact No. +46 74670808**

**Email: Carsten@marker.DK.**

**Date of Sample: 28<sup>th</sup>. July 2020.**

## TEST REPORT

REPORT NO.: 20-07-17403

## Herbicide Residues Analysis

Parameter	Method of Analysis	Method Reference	Units	Reported Levels
Sulfonyl Ureas/Ureas	UHPLC-MS	APHA 6630	µg/gram.	< 0.004
Imidazolinones/Diphenylethers	UHPLC-MS	APHA 6630	µg/gram.	< 0.005
Phenoxy/Chlorophenoxy	UHPLC-MS	APHA 6630	µg/gram.	< 0.006
Dinitroalinine/Acetamides	UHPLC-MS	APHA 6630	µg/gram.	< 0.002
Bipyridillums/Triketones	UHPLC-MS	APHA 6630	µg/gram.	< 0.004
Thicarbamates	UHPLC-MS	APHA 6630	µg/gram.	< 0.035
Glyphosate/Glufosinate	UHPLC-MS	APHA 6630	µg/gram.	< 0.002
Atrazine desethyl deisopropyl	UHPLC-MS	APHA 6630	µg/gram.	< 0.001
Atrazine deisopropyl	UHPLC-MS	APHA 6630	µg/gram.	< 0.003
Atrazine desethyl	UHPLC-MS	APHA 6630	µg/gram.	< 0.002
Simazine	UHPLC-MS	APHA 6630	µg/gram.	< 0.005
Terbutylazine desethyl	UHPLC-MS	APHA 6630	µg/gram.	< 0.001
Atrazine	UHPLC-MS	APHA 6630	µg/gram.	< 0.001
Terbutryn	UHPLC-MS	APHA 6630	µg/gram.	< 0.001
Terbutylazine	UHPLC-MS	APHA 6630	µg/gram.	< 0.001
Alachlor	UHPLC-MS	APHA 6630	µg/gram.	< 0.004
Metolachlor	UHPLC-MS	APHA 6630	µg/gram.	< 0.005
Aminopyralid	LS-MS-MS	APHA 6630	µg/gram.	< 0.001
Clopyralid	LS-MS-MS	APHA 6630	µg/gram.	< 0.001
Triclopyr	LS-MS-MS	APHA 6630	µg/gram.	< 0.002

**TEST REPORT****REPORT NO.: 20-07-17403****Pesticide Residues Analysis**

Parameter	Method of Analysis	Method Reference	Units	Reported Levels
Organochlorine Residues	UHPLC-MS	APHA 6630	µg/gram.	< 0.002
Organophosphorus Residues	UHPLC-MS	APHA 6630	µg/gram.	< 0.002
Organonitrogen Residues	UHPLC-MS	APHA 6630	µg/gram.	< 0.050
Carbamate Pesticides	UHPLC-MS	APHA 6630	µg/gram.	< 0.030
Pyrethroid Residues	UHPLC-MS	APHA 6630	µg/gram.	< 0.001
Organotin Residues	UHPLC-MS	APHA 6630	µg/gram.	< 0.002

**Assessment Conclusion**

All test methods were performed in accordance with the requirements of ISO: IEC 17025.

The test results relate only to the product listed in this report.

Based on the information derived, the OSMO Cow Fertilizer shows the sample to be assessed as compliant with EU Regulations for the absence of Pesticide/Herbicide Residues and can be labelled as tested to these standards and specifications in support of any claim relating to the test and data reported.

**Analytical Assessor**

**John Gough B.Sc. M.Sc.**

**Assessor Credentials**

B.Sc (Hons) in Analytical Chemistry with Quality Management.

M.Sc in Environmental Chemistry.

Full Member of Royal Society of Chemistry (RSC).

Research Fellow at Trinity Biomedical Science Institute (Dublin).

**J.W. GOUGH**

\_\_\_\_\_ Technical Signatory.

**Dated: 11<sup>th</sup>. August 2020**