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MILK/DAIRY INSTITUTE - MIH

- ❒ Mikrobiological and chemical analyses
- ❒ Marketability certificates
- ❒ Expert services for the dairy industry
- ❒ Hygienic monitoring
- ❒ Hygienic tests on dishwashing machines
- ❒ Diagnostic of microorganisms

Test report according to DIN EN 17735:2023-02*

Microbiologic testing of the “C 500 series” *single-tank dishwasher* from the company Classeq Ltd

Checking of the hygienic requirements according to DIN EN 17735:2023-02*

In accordance with the requirements of DIN EN 17735:2023-02*, test plates (“bioindicators”) were previously contaminated with the test organisms “Enterococcus faecium” under DIN-defined conditions.

It was then tested to what extent the standard version of the single tank "C 500" can guarantee adequate cleaning and germ deactivation in accordance with DIN EN 17735:2023-02*.

Operating data “C 500 Series”

Nr.	Rinsing process	Temperature		Detergent		Rinse Aid		Washing time
	Wash item	Tank	Boiler	Type	Dosage	Type	Dosage	
1	Standard II	62 °C	85 °C	REGSM	3 g/l	DIN KEGSM	0,3 ml/l	170 sec

Results: see test report class 132-a-2023

The microbiologic/hygienic requirements demanded by the DIN EN 17735:2023-02* are reliably achieved. In more than 90 % of all bioindicators, a decontamination performance, respectively germ reduction of at least 5 log units of the test organism “Enterococcus faecium” was given. The total germ count in the tank was significantly lower than the figure of < 500 CfU/ml - required by DIN EN 17735:2023-02*.

The “C 500 Series” single-tank dishwasher, in combination with the detergent REGSM, has passed the adapted type test according to DIN EN 17735:2023-02* successfully and is therefore entirely suitable for commercial use.

Hergatz, 04.04.2023

Dr.Josef Hüfner
Head of the institute

* corresponds to the previous version DIN SPEC 10534:2019-02

Dieser Prüfbefund darf nicht vervielfältigt bzw. auszugsweise ohne Genehmigung weitergereicht werden.
Die Untersuchungsergebnisse beziehen sich ausschließlich auf die angegebene Probe

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Durch die DAkkS nach DIN ISO/IEC 17025
akkreditiertes Prüflabor

DAkkS Deutsche Akkreditierungsstelle D-PL-21321-01-00

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