Clarios Germany GmbH & Co. KG
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Hannover, 15th August 2022

Manufacturer Declaration of Conformity

We hereby confirm that the **Optima batteries** indicated in the annexes in following pages are manufactured in our Clarios plants in Mexico according to the specifications of the norms:

- **EN 50342-1 Edition 2015**
- **IATF 16949 Edition 2016**
- **ISO 14001 Edition 2015**
- **Directive 2006/66/CE**

Yours sincerely,





Joaquin Soriano
VP Quality Clarios EMEA

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Battery Types OPTIMA

Ah	ETN	Group Size	ETN	Layout	Ah	A(EN)	Base Hold Down	Charge acceptance	Charge retention	Endurance Cycle	Water consumption	Vibration resistance
OPTIMA BLUE TOP 888												
66	827,227,000	BT DC 5,0	827,227,000	1	66	845	B00	Passed	Passed	Passed	Passed	Passed
50	806,252,000	BT SLI 4.2	806,252,000	1	50	815	B00	Passed	Passed	Passed	Passed	Passed
55	816,253,000	BT DC 4.2	816,253,000	1	55	765	B00	Passed	Passed	Passed	Passed	Passed
75	852,188,000	BT DC 5.5	852,188,000	8	75	975	B00	Passed	Passed	Passed	Passed	Passed
OPTIMA RED TOP 888												
50	878,209,000	RT F 4.2	878,209,000	1	50	815	B11	Passed	Passed	Passed	Passed	Passed
50	801,287,000	RT C 4.2	801,287,000	8	50	815	B00	Passed	Passed	Passed	Passed	Passed
50	802,250,000	RT S 4.2	802,250,000	1	50	815	B00	Passed	Passed	Passed	Passed	Passed
50	803,251,000	RT R 4.2	803,251,000	0	50	815	B11	Passed	Passed	Passed	Passed	Passed
50	804,250,000	RT U 4.2	804,250,000	1	50	815	B00	Passed	Passed	Passed	Passed	Passed
50	810,355,000	RT S 2.1	810,355,000	8	50	815	B11	Passed	Passed	Passed	Passed	Passed
44	820,255,000	RT S 3.7	820,255,000	1	44	730	B01	Passed	Passed	Passed	Passed	Passed
44	822,255,000	RT U 3.7	822,255,000	1	44	730	B01	Passed	Passed	Passed	Passed	Passed
44	835,255,000	RT R 3.7	835,255,000	0	44	730	B01	Passed	Passed	Passed	Passed	Passed
OPTIMA YELLOW TOP 888												
75	851,187,000	YT S 5.5	851,187,000	8	75	975	B00	Passed	Passed	Passed	Passed	Passed
66	837,327,000	YT R 5.0	837,327,000	0	66	845	B00	Passed	Passed	Passed	Passed	Passed
55	812,254,000	YT S 4.2	812,254,000	1	55	765	B00	Passed	Passed	Passed	Passed	Passed
55	814,254,000	YT U 4.2	814,254,000	1	55	765	B00	Passed	Passed	Passed	Passed	Passed
48	840,222,000	YT R 3.7	840,222,000	0	48	660	B01	Passed	Passed	Passed	Passed	Passed
38	871,176,000	YT S 2.7	871,176,000	1	38	460	B00	Passed	Passed	Passed	Passed	Passed
38	872,176,000	YT R 2.7J	872,176,000	0	38	460	B00	Passed	Passed	Passed	Passed	Passed
38	873,176,000	YT R 2.7	873,176,000	0	38	460	B00	Passed	Passed	Passed	Passed	Passed
38	870,176,001	YT S 2.7J	870,176,001	1	38	765	B00	Passed	Passed	Passed	Passed	Passed