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Certificate of Analysis

Sample Information

ARL ID: 333406-1
Date Received: 3/25/2020
Description: 16oz HydraZorb Silver
Lot#: Sam 0078

Analysis	Method	MDL	Specification	Results	UOM	Lab ID
Day 28 Counts	USP <51>	10	Record Only	10	cfu's/g	1
Day 14 Log Reduction	USP <51>	0.1	Record Only	4.2	Log Reduction	1
Day 28 Log Reduction	USP <51>	0.1	Record Only	5.5	Log Reduction	1
Organism: Candida albicans ATCC 10231						1
PET Suitability: C. albicans	USP <51>	Pass/Fail	NLT 50% Saline	Suitable		1
Initial Concentration	USP <51>			6.8 x 10 ⁴	cfu's/g	1
Day 14 Counts	USP <51>	10	Record Only	< 10	cfu's/g	1
Day 28 Counts	USP <51>	10	Record Only	< 10	cfu's/g	1
Day 14 Log Reduction	USP <51>	0.1	Record Only	> 3.8	Log Reduction	1
Day 28 Log Reduction	USP <51>	0.1	Record Only	> 3.8	Log Reduction	1
Organism: Aspergillus niger ATCC 16404						1
PET Suitability: A niger	USP <51>	Pass/Fail	NLT 50% Saline	Suitable		1
Initial Concentration	USP <51>			1.4 x 10 ⁵	cfu's/g	1
Day 14 Counts	USP <51>	10	Record Only	12,000	cfu's/g	1
Day 28 Counts	USP <51>	10	Record Only	14,000	cfu's/g	1
Day 14 Log Reduction	USP <51>	0.1	Record Only	1.1	Log Reduction	1
Day 28 Log Reduction	USP <51>	0.1	Record Only	1.0	Log Reduction	1

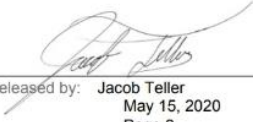
Notes:

+Revision Note: Silver in product reported 0.009 ppb per ARL ID 343868

Form# arlcoa031201a

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This Certificate of Analysis represents data only for the sample provided and does not constitute a guarantee of quality for the entire production lot.



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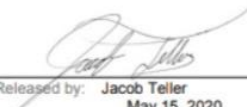
Analysis	Method	MDL	Specification	Results	UOM	Lab ID
USP 51 PET: 50, 14, 28	USP <51>					1
Organism: Staphylococcus aureus ATCC						1
PET Suitability: S aureus	USP <51>	Pass/Fail	NLT 50% Saline	Suitable		1
Initial Concentration	USP <51>			4.7 x 10 ⁵	cfu's/g	1
Day 14 Counts	USP <51>	10	Record Only	42,000	cfu's/g	1
Day 28 Counts	USP <51>	10	Record Only	3,300	cfu's/g	1
Day 14 Log Reduction	USP <51>	0.1	Record Only	2.0	Log Reduction	1
Day 28 Log Reduction	USP <51>	0.1	Record Only	3.2	Log Reduction	1
Organism: Escherichia coli ATCC 8739						1
PET Suitability: E. coli	USP <51>	Pass/Fail	NLT 50% Saline	Suitable		1
Initial Concentration	USP <51>			1.7 x 10 ⁶	cfu's/g	1
Day 14 Counts	USP <51>	10	Record Only	< 10	cfu's/g	1
Day 28 Counts	USP <51>	10	Record Only	< 10	cfu's/g	1
Day 14 Log Reduction	USP <51>	0.1	Record Only	> 5.2	Log Reduction	1
Day 28 Log Reduction	USP <51>	0.1	Record Only	> 5.2	Log Reduction	1
Organism: Pseudomonas aeruginosa						1
PET Suitability: P. aeruginosa	USP <51>	Pass/Fail	NLT 50% Saline	Suitable		1
Initial Concentration	USP <51>			3.0 x 10 ⁶	cfu's/g	1
Day 14 Counts	USP <51>	10	Record Only	210	cfu's/g	1

Notes:

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