

CLIENT INFORMATION	
Company Name	EfireX
Address	8975 Double Diamond Pkwy Reno, NV, 89521-8018, Suite 13A US

AUDIT INFORMATION:	
Description of Tests Per Standard Number and Edition/ Revision Date	UL 8, Water Based Agent Fire Extinguishers, Edition 7, Revision Date 12/23/2020
	CAN/ULC-S554:2016-REV1, Water Based Agent, Edition 3, Revision Date 12/23/2020
	UL 711, Rating and Fire Testing of Fire Agent, Edition 8, Revision Date 01/05/2023
	CAN/ULC-S508:2023, Rating and Fire Testing of Fire Agent, Edition 5, Revision Date 01/05/2023
<input checked="" type="checkbox"/> Tests Conducted by ¹	
<input type="checkbox"/> UL Staff supervising UL Staff in training	
<input type="checkbox"/> UL Staff conducting or witnessing testing (WTDP, CTF Stage 1 or 2 only and Stage 3 or 4 as applicable)	
<div style="display: flex; justify-content: space-between;"> <div>_____</div> <div>_____</div> </div> <p style="text-align: center;">Printed Name Signature.</p>	
<input checked="" type="checkbox"/> Authorized Signatory	
<div style="display: flex; justify-content: space-between;"> <div>_____</div> <div>_____</div> </div> <p style="text-align: center;">Printed Name Signature.</p>	

TESTS TO BE CONDUCTED:			
Test No.	Done ³	Test Name	<input checked="" type="checkbox"/> Comments/Parameters <input type="checkbox"/> Tests Conducted by ² <input type="checkbox"/> Link to separate data files ⁴ <input type="checkbox"/> CTF Stage/LSV declaration ⁵
2.2	2024-02-04	TESLA CAR FIRE	5 Gal. Tote/Pail

Date

**CLASS D AGENT TEST
(TESLA CAR FIRE)**

ANSI/UL 711, Sec. 7.2
CAN/ULC-S508, Sec. 7.2

Product Description	Extinguishing Agent	Agent Batch No.
5 gal. tote	TRPL-E	3/26/24

Trial No.	1	2
Sample No.	1	1
Test Date (YYYY-MM-DD)	4-02-2024	4-02-2024
Weight Empty, lb.		
Weight - Charge, lb.		
Weight Before Discharge, lb.		
Weight After Discharge, lb.		
Amount Discharged, lb.		
Percent Discharged		
Discharge Duration, min:sec		
Charging Pressure, psig		
Cartridge Weight Before Discharge, g		
Cartridge Weight After Discharge, g		
Amount Expelled, g		
Orifice Size, in.		
Nozzle Type [Fixed][Hose]		
Fire Type	Combustible Metals / Ordinary	
Fire Size	Fully Involved (EV) Fire	
Ignition Burnout, min:sec	2:36 min.	
Preburn, min:sec	12:15 min	
Firefighter	Richard Walsh Pyramid Lake FD	
Fire Extinguished [Yes][No]	YES	
Reignition, min:sec. After discharge	No Reignition	
Extinguishment min:sec	6:43 min./sec.	
Hydrant Connect Made [Yes][No]	No	
Nozzle Dimensions, in.	95 gpm	
Hose Size and Length, in.	1" 3/4 hose line	
Amount of Extinguishing Agent Expelled	1 - 5 Gallon Tote/Pail	
Thermal Imager Temp Before Ignition	80 F	
Thermal Imager Temp at Fully Involved	2,180 F	
Thermal Imager Temp at Extinguishment	140 F	
Fire Engine Water Tank Size	1,000 gal.	
Fire Engine Tank Water Deployed	250 gallons	
Results	A	A

Thermal Runaway	30 Min. After Extinguishment	60 Min. After Extinguishment	1 Hr. 30 Min. After Extinguishment	2 Hrs. After Extinguishment	Runaway [Y][N]
Temps	110 F	90 F	82 F	70 F	N

Results Key:

- [A] Acceptable
- [B] Unacceptable
- [N/A] Not applicable

Notes/Observations: Tesla Model 3 thermal runaway ignition by weapon impact to a passenger side. Successfully extinguished within one minute and twenty five seconds using a single efirex 2.5 gal. fire extinguisher. No thermal runaway re-ignition following extinguishment.