

# SPECIALIZED TESTING

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## CONCRETE WATER ABSORPTION AND DENSITY (ASTM C 642) - DATA SHEET

PROJECT NAME: NR CLIENT NAME: Bellecrete Inc.  
PROJECT ADDRESS: 449 Park Avenue #B INSPECTOR'S NAME: NR  
San Fernando, CA SET ID NUMBER: 123813.2  
PERMIT NUMBER: NR

### SPECIMEN DATA - BY OTHERS

DATE SAMPLED	4/26/2024	ENGINEER	NR	SPECIMEN DESCRIPTION	Concrete
CONTRACTOR	NR	SUPPLIER	NR	NUMBER OF SPECIMENS	1
SUBCONTRACTOR	NR	SPECIFIED F'm - PSI	For Information Only	FIELD SPECIMEN ID	NR
LOCATION IN BLDG.	No location provided.				
NOTES	Test Standard = ASTM C642 (Without Boiling) NR = Not Reported				

### ABSORPTION TEST DATA

DATE RECEIVED	5/6/2024	TECH NAME	A. Segobia
REPORT DATE	6/10/2024	EQUIPMENT	Ohaus Scale, Oven, Fluke Thermocouple

SPECIMEN ID NUMBER	SPECIMEN TEST DATA			BULK DENSITY <sup>4</sup> (LB/FT <sup>3</sup> )	ABSORPTION <sup>5</sup> (%)
	W <sub>i</sub> <sup>1</sup> (LBS)	W <sub>s</sub> <sup>2</sup> (LBS)	W <sub>d</sub> <sup>3</sup> (LBS)		
123813.2.1	4.54	8.30	8.10	134.43	2.5
			Average =	134.43	2.5

<sup>1</sup> W<sub>i</sub> = Immersed Weight of Specimen

<sup>2</sup> W<sub>s</sub> = Weight of surfaced surface-dry sample in air after immersion

<sup>3</sup> W<sub>d</sub> = Oven-Dry Weight of Specimen

<sup>4</sup> Bulk Density (lb/ft<sup>3</sup>) = [W<sub>d</sub> / (W<sub>s</sub> - W<sub>i</sub>)] x 62.4

<sup>5</sup> Absorption (%) = [(W<sub>s</sub> - W<sub>d</sub>) / W<sub>d</sub>] x 100

COMMENTS:

*Vince Benitez*

AUTHORIZED SIGNATURE