



OYO Testing Laboratory  
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## SUMMARY TEST REPORT

Client:	Daisen Co. Ltd.	Date Reported:	11/17/2023
Attention:	Mr. Hayama (090-4996-6467)	Report No.:	23L022
Project Name:	Daisen Co. Ltd.	Project No.:	-
Project Location:	4-5 Senazuyama, Okayama, Kira-cho Nishio City, Alchi, Japan, 44-0531	Work Order No.:	23L022
Sampled by:	Client	Sampling Date:	-
Sample ID:	Ultra Fine Sand	Date Received:	11/9/2023
		Date Tested:	11/14-11/15/2023

Sample Description: Brown, non-plastic, Ultra Fine Sand Aggregates

Test: Sieve Analysis of Fine and Coarse Aggregates (ASTM C136)

Sieve Size:	Percent Passing
No. 4 (4.75 mm)	100
No. 8 (2.36 mm)	100
No. 16 (1.18 mm)	94
No. 30 (600 μm)	72
No. 50 (300 μm)	46
No. 100 (150 μm)	21
No. 200 (75 μm)	5.1

Test: Materials Finer than 75-μm (No. 200) Sieve in Mineral Aggregates by Washing (ASTM C117)

Material Finer than (75-μm) No. 200 Sieve, % 6.0

Test: Bulk Density ("Unit Weight") and Voids in Aggregates (ASTM C29)

Bulk Density, g/cm<sup>3</sup> 1.57  
 Void Content, % 38

Test: Relative Density (Specific Gravity) and Absorption of Fine Aggregate (ASTM C128)

Bulk Specific Gravity (OD) 2.54  
 Bulk Specific Gravity (SSD) 2.55  
 Apparent Relative Density 2.57  
 Absorption, % 0.4

Test: Clay Lumps and Friable Particles in Aggregates (ASTM C142)

Clay Lumps and Friable Particles, % 0.94

Remarks: *\*All laboratory results relate only on the items tested, calibrated and sampled. \*\*This report shall not be reproduced except in full and without approval of this Laboratory. \*\*\*Pass/Fail or comparison notations of results shown are based on simple acceptance per ILAC G8.*

Approved By:   
 Paul Chang, PE