1. PROJECT DETAILS

Quotation Number	PPSCQ2353
Project Number	PPSCQ2353 -TR-052026
Client Site Location	[redacted]
Prime Process Safety Center Address	Prime Process Safety Center, LLC. 12925 Cypress North Houston Rd, Cypress, TX 77429
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Reviewer/Approval	Emmanuel Addai, Senior Process safety Engineer

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"This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISOILAC-IAF Communiqué dated April 2017)" below.

Joint ISO-ILAC-IAF Communique on ISO/IEC 17025

2. RESULTS SUMMARY

Sample Name	Mean Particles Size (µm)
Egg Shell Powder	17.43

3. EXECUTIVE SUMMARY

Lark Supply requested that Prime Process Safety Center (PPSC), perform Laser Particle Size Analysis on an Egg Shell Powder dust sample.

The tested sample has a mean particle size of 17.43 microns.

4. TESTING OVERVIEW

Upon the request of Lark Supply, Prime Process Safety Center (PPSC) performed laser particle size analysis on an Egg Shell Powder dust sample. The sample was received in the laboratory on May 1st, 2026. The test requested by Lark Supply included the following.

- Laser Particle Size Analysis

This report details the laboratory findings of the sample.

4.1 SAMPLE CHARACTERISTICS, IDENTIFIERS, AND PREPARATION

Per the requirements of the standard and client's request the sample was tested as received.

The table below summarizes the 'as received' characteristics of the samples.

Sample ID	Lot	Date/Time Received	Appearance/ Container Description
Egg Shell Powder	WGT260422Egg	May 1st, 2026 @ 1:47 PM	Egg White Dust/Plastic Bag

5. TESTING DETAILS AND INTERPRETATIONS

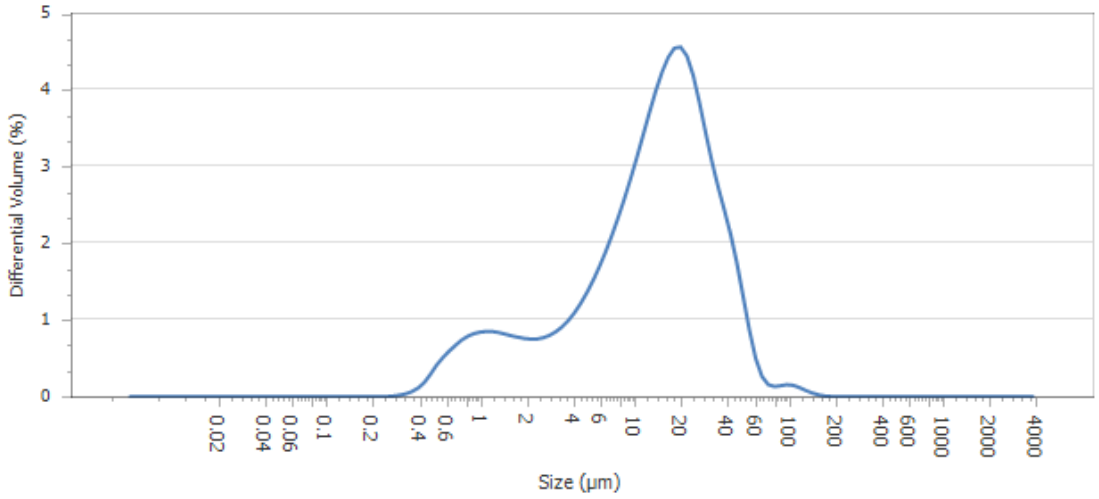
5.1. Laser Particle Size Analysis of Egg Shell Powder Dust Sample

Sample Information

Date/Time: 5/5/2026 10:30:18 AM
Device: B9810022B001
Method: Egg Shell Powder
Material: Unknown
SampleID: WGT260422Egg

User: Beckman Coulter
Module: Dry Powder System
Properties: Egg Shell Powder
Carrier Fluid: Air
GroupId: PPSCQ2353-TR-052026

Graph of Results



Statistics

Run	1	Avg	CV (%)
CV (%)	89.90	89.90	0.0000
D10 (µm)	1.629	1.629	0.0000
D50 (µm)	14.15	14.15	0.0000
D90 (µm)	36.54	36.54	0.0000
Mean (µm)	17.43	17.43	0.0000
SpecificSurfaceArea (cm²/ml)	12723	12723	0.0000
StDev (µm)	15.67	15.67	0.0000
Total (%)	100.0	100.0	0.0000

6. CONCLUSION

The Egg Shell Powder sample tested has a mean particle size of 17.43 microns.

Note:

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