

Certificate of Analysis

Product: Silicon Dioxide Amorphous, Fumed

Item Number: C6983

Grade: USP

Lot Number: 260219AP

Manufacture Date: 09/09/2025

Expiration Date: 09/08/2027

Country of Origin: United States

Tested Property	Specification	Analysis
Identification A & B by USP/NF	To pass the test	Pass
Assay by USP/NF	99.0 - 100.5%	100.2%
Loss on Drying by USP/NF	Max 2.5%	0.7%
Loss on ignition by USP/NF	Max 2.0%	0.5%
Arsenic by USP/NF	Max 8 ppm	<8
pH by USP/NF	3.5 - 5.5	4.2
Specific surface area (BET)	175 - 225 m ² /g	196

Elemental Impurities: Elemental Impurities are not intentionally added to the production process. The elemental impurities of the ICH Q3D are tested on a regular basis acc. to the actual USP and Ph. Eur. Typical sieve residue(Grit, > 45 um) is <0.025% (ISO 787-18, modified)

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Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

Phone: 512-668-9918, Fax: 512-886-4008,
E-mail: customercare@laballey.com,
www.laballey.com,

12501 Pauls Valley Road, Suite A, Austin, Texas 78737.

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