

Certificate of Analysis

Product: Talcum Powder
Item Number: TALCGU
Grade: USP/FCC
Lot Number: 5001471/8.1
Manufacture Date: 07/30/2025
Expiration Date: 07/29/2030
Country of Origin: India

Tested Property	Specification	Analysis
Description	Very fine white or greyish - white crystalline powder	Pass
Solubility	Practically insoluble in water	Pass
ID A: IR Absorption	To comply the test	Pass
ID B: Chemical Test	To comply the test	Pass
ID C: Reaction to silicates	To comply the test	Pass
Acidity or alkalinity	Max 0.4mL of 0.01N HCl required for color change	Pass
Water solubles	Max 0.1%	0.04%
Acid solubles	Max 2.5%	<2.5%
Iron	Max 0.25%	<0.25%
Arsenic	Max 3 ppm	<3 ppm
Extractable fluoride	Max 0.002%	<0.002%
Free alkali	Max 1.0%	<1.0%
Heavy metals	Max 0.004%	<0.004%
Lead	Max 10 ppm	<10 ppm
Calcium	Max 0.9%	0.32%
Aluminum	Max 2.0%	<2.0%
Loss of drying	Max 0.5%	0.2%
Loss on ignition	Max 6.0%	5.85%
Content of Mg	17.0-19.5%	17.92%
Absence of asbestos by IR spectrum	Absent	Pass

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Microbe Contamination (Topical)	TAMC <100cfu/gm	TAMC 30cfu/gm
	TYMC <50cfu/gm	TYMC 10cfu/gm
Microbe Contamination (Oral)	TAMC <1000cfu/gm	TAMC 30cfu/gm
	TYMC <100cfu/gm	TYMC 10cfu/gm
Bulk Density	0.25 to 0.35 gm/mL	0.28 gm/mL

CAS RN: 14807-96-6

[Talcum Powder](#)

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.

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