

CERTIFICATE OF ANALYSIS

Product Name	Pomegranate Extract Powder 100:1	Lot / Batch No.	BLP-PGE-260915-25
INCI Name	Punica Granatum Extract	Date of Manufacture	15 September 2026
CAS Number	84961-57-9	Expiration Date	15 September 2028
Botanical Source	Punica granatum L. (fruit)	Date of Analysis	02 October 2026
Extract Ratio	100:1	Batch size	25 kg
Form	Fine pink powder, water-soluble	Country of Origin	United States

ANALYTICAL RESULTS

Test Parameter	Specification	Result	Method	Status
Appearance	Fine pink powder	Pink powder	Visual	PASS
Odor	Characteristic, mild	Complies	Organoleptic	PASS
Extract ratio	100:1	100:1	Internal	PASS
Solubility in water	Freely water-soluble	Complies	Visual	PASS
Particle size	≥ 95% through 80 mesh	Complies	Sieve	PASS
Loss on drying	≤ 5.0 %	2.8 %	105 °C / 2 h	PASS
Total ash	≤ 5.0 %	1.6 %	USP	PASS
Total polyphenols	≥ 25 %	28.4 %	Folin-Ciocalteu	PASS
Ellagic acid (HPLC)	≥ 10 %	12.6 %	HPLC	PASS
Total aerobic count	< 1000 CFU/g	< 100 CFU/g	USP <61>	PASS
Yeasts and molds	< 100 CFU/g	< 10 CFU/g	USP <61>	PASS
Pathogens	Absent / g	Absent	USP <62>	PASS
Heavy metals (as Pb)	≤ 10 ppm	< 5 ppm	ICP-MS	PASS

USE & HANDLING

Product: Fine pink, water-soluble botanical extract powder from Punica granatum fruit. 100:1 concentrate. Suitable for cosmetic serums, creams, masks, toners and hair formulas seeking antioxidant and astringent positioning.

How to use: Dissolve in the water phase. Recommended incorporation: 0.5–3.0% of the finished formula. Add on cool-down when possible. Color is naturally pink; intensity depends on use level and base pH.

Release: Lot BLP-PGE-260915-25 (batch size 25 kg) complies with internal specification. Cosmetic use only. Not for ingestion or injection.

Approved by:

Quality Control Department

Title:

QC Manager, BeautyLabPro

Authorized Signature:

Date:

02 October 2026