

Certificate of Analysis



Company	Alkaline for Life
Product Name	Peak Glutamine Pak
Lot Number	223854
Bulk Prod	ILPE010B
Manufacture Date	Dec-22
Best if Used By	Dec-24

Physical specifications (Composition/ID)

Test Description	Specification	Result	Method
Color	White Powder in V-Caps	Complies	Organoleptic
Identification	Meets Standard	Compares	ILO13/FT-IR/NIR
Average Weight	800mg/Cap ± 10%	802 mg	ILO03/USP 2091
Weight Variation	No capsule exceeds ± 10% of the average weight	Complies	ILO03/USP 2091
Disintegration	NMT 45 Minutes	13 Minutes	ILO04/USP 2040

Heavy Metal Specifications (Contamination)

Test Description	Specification	Result	Method
Arsenic	NMT 15	<15	USP
Cadmium	NMT 5	<5	USP
Mercury	NMT 15	<15	USP
Lead	NMT 5	<5	USP

Packaging Microbiological Specifications (Contamination)

Test Description	Specification	Result	Method
Aerobic Plate Count	NMT 10,000 cfu/g	< 10 cfu/g	USP<2021>
Yeast and Mold	NMT 1,000 cfu/g	10 cfu /g	USP<2021>
<i>Escherichia coli</i>	Absence in 10 g	Negative	USP<2021>
<i>Salmonella</i>	Absence in 10 g	Negative	USP<2021>
<i>Staphylococcus aureas</i>	Absence in 10 g	Negative	USP<2021>

Component Specifications by Input (Composition/Purity)

Ingredient (serving size approx. 2 capsules)	Specification/Each capsule contains	Result	Method
L-Glutamine (free form)	500 mg	Conforms	ILO17/HPLC
PAK (pyridoxal alpha-ketoglutarate)	167 mg	Conforms	ILO30/BPR
Rice flour (organic)	30 mg	Conforms	
C 16 and C18 alkyls	4 mg	Conforms	
Vegetable Capsules	97 mg	Conforms	

This product has been manufactured in accordance with the master formulation number listed above and in full compliance with cGMP requirements or their equivalent. The batch processing, packaging and analysis records were reviewed and found to be in compliance with cGMP.