LIVEL

PRODUCT QUALITY ANALYSIS SUMMARY

Creatine Monohydrate 200 Mesh

Reference document date	11-Dec-2025	**Product form**	Crystalline powder, 200 mesh
Origin	Not specified in supplier sheet	**Ingredients**	Creatine monohydrate
Source type	Supplier product specification		

PHYSICAL, CHEMICAL & PURITY PARAMETERS

Parameter	Value / result	Unit / status
Appearance	White crystalline odourless powder	Organoleptic
Clarity and colour of solution	Clear, colourless, transparent	Visual
Taste and smell	No odour, no peculiar smell	Organoleptic
Assay (creatine monohydrate)	≥ 99.5	%
Loss on drying	≤ 12	%
Residue on ignition	≤ 0.1	%
Particle size	200	mesh
Bulk density	≥ 430	g/L
Tapped density	≥ 550	g/L
Sulphate	≤ 0.1	%
Total impurities	≤ 1	%
Creatinine	≤ 100	mg/kg
Dicyanamide	≤ 5	mg/kg
Cyanoguanidine	≤ 50	mg/kg
Dihydrotriazine (DHT)	≤ 4.5	mg/kg
Monocyanamine	≤ 1	mg/kg
Cyanide	≤ 1	mg/kg

QUALITY & SAFETY PARAMETERS

Parameter	Value / result	Unit / status
Heavy metals	≤ 10	mg/kg
Lead	≤ 1	mg/kg
Arsenic	≤ 1	mg/kg
Mercury	≤ 0.1	mg/kg
Cadmium	≤ 1	mg/kg
Iron	≤ 10	mg/kg
Total bacterial count	≤ 1,000	cfu/g
Yeast & mould	≤ 100	cfu/g
Saccharomycetes	≤ 100	cfu/g
E. coli	Negative	/10 g
Coliforms	Negative	/10 g
Staphylococcus aureus	Negative	/10 g
Salmonella	Negative	/25 g

Important: This customer-facing summary was prepared by LIVEL / MB Naulema from supplier documentation. Values shown are specification limits or supplier statements rather than batch-specific laboratory results. Individual batch values can vary. This summary is not an original laboratory certificate and does not replace batch-specific quality documentation.