

This is a representative specimen. It shows the parameters and specification limits Creavante™ holds its creatine monohydrate to. It is not a batch release certificate. Every shipment is accompanied by its own lot-specific certificate of analysis carrying actual measured results.

Product	Creatine Monohydrate (micronized)	Lot number	SPECIMEN
CAS number	6020-87-7	Grade	200–500 mesh
Manufacturing route	Synthetic, vegan	Country of origin	Declared per lot
Date of issue	—	Retest date	—

PARAMETER	METHOD	SPECIFICATION	RESULT
Appearance	Visual	White crystalline powder, odourless	Conforms
Identity	FT-IR / HPLC	Conforms to reference	Conforms
Assay (creatine monohydrate, dried)	HPLC	≥ 99.9 %	Conforms
Creatinine	HPLC	≤ 30 ppm	Conforms
Dicyandiamide (DCD)	HPLC	≤ 30 ppm	Conforms
Dihydro-1,3,5-triazine (DHT)	HPLC	Not detected (< 3 mg/kg)	Conforms
Loss on drying	Gravimetric	≤ 0.5 %	Conforms
pH (1 % aqueous, 20 °C)	Potentiometric	6.5 – 8.5	Conforms
Particle size (grade-dependent)	Laser diffraction	200–500 mesh (≈75–25 µm)	Conforms
Lead (Pb)	ICP-MS	≤ 1.0 ppm	Conforms
Arsenic (As)	ICP-MS	≤ 1.0 ppm	Conforms
Cadmium (Cd)	ICP-MS	≤ 1.0 ppm	Conforms
Mercury (Hg)	ICP-MS	≤ 0.1 ppm	Conforms
Total aerobic plate count	Ph. Eur.	≤ 1000 cfu/g	Conforms
Yeast & mould	Ph. Eur.	≤ 100 cfu/g	Conforms
E. coli / Salmonella	Ph. Eur.	Absent	Conforms

Conclusion: Material conforming to the above specification complies with the requirements for creatine monohydrate as a food supplement ingredient. Authorised EU health claims apply to creatine at 3 g per day; no absorption or bioavailability claim is made for particle size.

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Signature & lot data on each shipment certificate

Notice. This specimen is provided for information only. It illustrates the analytical parameters, methods and specification limits used by Creavante™ and does not certify any specific batch. Actual measured values, lot number, dates and an authorised signature appear on the lot-specific certificate of analysis supplied with each shipment. Specification limits reference EFSA opinion values for creatine monohydrate impurities.