creaVerum®

TRADEMARK INGREDIENT · CREATINE MONOHYDRATE

DOC COA·CRV·500
BATCH CRV5-26F-01
ISSUED 11 SEP 2026
STATUS Specimen

Certificate of Analysis

Batch-specific release document for CreaVerum® Creatine Monohydrate. Every lot carries one, and its Verum Code links the lot to these published results.

SPECIMEN — ILLUSTRATIVE DATA, NOT A RELEASE DOCUMENT

BATCH NO.	MANUFACTURED	RETEST DATE	VERUM CODE
CRV5-26F-01	12 AUG 2026	12 AUG 2028	VRM·7K2Q·4815
Lot identifier	Date of manufacture	24 months	creaverum.com/verify

This lot conforms to specification.

CreaVerum® Creatine Monohydrate · micronised, 500 mesh grade · $C_4H_9N_3O_2 \cdot H_2O$ · CAS 6020-87-7 · MW 149.15 g/mol

QUANTITY	PACKAGING	COUNTRY OF ORIGIN	SPECIFICATION
1 000 kg	20 kg carton, food-grade liner	China	TDS·CRV·500 rev. 1.1

PARAMETER	SPECIFICATION	RESULT	METHOD	VERDICT
PHYSICAL & CHEMICAL CHARACTERISTICS				
Appearance	White powder	White powder	Visual	PASS
Identification	Conforms to reference std.	Conforms	HPLC	PASS
Assay (on the dried basis)	≥99.5%	100.1%	HPLC	PASS
Loss on drying	≤12.0%	11.4%	USP<731>	PASS
Residue on ignition	≤0.1%	<0.05%	Gravimetric	PASS
Creatinine	≤100 ppm	22 ppm	HPLC	PASS
Dicyandiamide (DCD)	≤50 ppm	Not detected	HPLC	PASS
Dihydrotriazine (DHT)	≤5 ppm	Not detected	HPLC	PASS
Lead (Pb)	≤1 ppm	<0.02 ppm	ICP-MS, EN 15763	PASS
Cadmium (Cd)	≤1 ppm	<0.01 ppm	ICP-MS, EN 15763	PASS
Mercury (Hg)	≤0.1 ppm	<0.005 ppm	ICP-MS, EN 15763	PASS
Arsenic (As)	≤1 ppm	<0.02 ppm	ICP-MS, EN 15763	PASS
MICROBIOLOGICAL CHARACTERISTICS				
Total aerobic count (TAMC)	≤100 cfu/g	<10 cfu/g	Ph. Eur. 2.6.12	PASS
Yeasts and moulds (TYMC)	≤100 cfu/g	<10 cfu/g	Ph. Eur. 2.6.12	PASS
Enterobacteriaceae	Negative / g	Not detected	Ph. Eur. 2.6.13	PASS
E. coli	Negative / g	Not detected	Ph. Eur. 2.6.13	PASS
Staphylococcus aureus	Negative / g	Not detected	Ph. Eur. 2.6.13	PASS
Salmonella sp.	Negative / 25 g	Not detected	Ph. Eur. 2.6.13	PASS

Testing. Assay, identification and organic impurities by the USP monograph procedure for creatine monohydrate; heavy metals by ICP-MS; microbiology to European Pharmacopoeia methods. Analyses performed by **SGS Institut Fresenius GmbH, Berlin (Germany)**. Full analytical data in Annex A; the original laboratory report is appended to every issued certificate.

On the basis of the results above, this lot is **released** against specification TDS·CRV·500 rev. 1.1. Storage: at normal temperature, away from heat and light. Retest 24 months from manufacture in original, unopened packaging.

Quality Manager
Verum Ingredients s.r.o. — released by

Proof a customer can check.

The **Verum Code** printed on this certificate and on the finished pack resolves at **creaverum.com/verify** to this lot's published assay, impurity and heavy-metal results. Not a claim — a lookup.

Annex A — Analytical data

TESTING LABORATORY

LABORATORY SGS Institut Fresenius GmbH	LOCATION Berlin, Germany	LABORATORY ORDER REF. Specimen — no order reference
SAMPLE RECEIVED 14 AUG 2026	TESTING PERIOD 14 AUG – 02 SEP 2026	REPORT DATE 04 SEP 2026
SAMPLE DESCRIPTION White powder, bulk in bag	SAMPLING Submitted by client	SAMPLE IDENTITY CRV5-26F-01

CHEMICAL TESTS

CODE	TEST ITEM	UNIT	TEST METHOD	RESULT	LOQ	LIMIT / VERDICT
1	Character	—	Visual inspection	White powder	—	PASS
2	Identification	—	USP Creatine Monohydrate monograph	Conforms	—	PASS
3	Assay (dried basis)	%	USP Creatine Monohydrate monograph, HPLC	100.1	—	≥99.5 · PASS
4	Loss on drying	g/100 g	USP <731>	11.4	0.1	≤12.0 · PASS
5	Residue on ignition	%	Gravimetric	<0.05	0.05	≤0.1 · PASS
6	Creatinine	mg/kg	USP monograph, HPLC	22	10	≤100 · PASS
7	Dicyandiamide (DCD)	mg/kg	USP monograph, HPLC	ND	10	≤50 · PASS
8	Dihydrotriazine (DHT)	mg/kg	USP monograph, HPLC	ND	0.5	≤5 · PASS
9	Lead (Pb)	mg/kg	ICP-MS, EN 15763	<0.02	0.02	≤1 · PASS
10	Cadmium (Cd)	mg/kg	ICP-MS, EN 15763	<0.01	0.01	≤1 · PASS
11	Mercury (Hg)	mg/kg	ICP-MS, EN 15763	<0.005	0.005	≤0.1 · PASS
12	Arsenic (As)	mg/kg	ICP-MS, EN 15763	<0.02	0.02	≤1 · PASS

MICROBIOLOGICAL TESTS

CODE	TEST ITEM	UNIT	TEST METHOD	RESULT	LOQ	LIMIT / VERDICT
13	Total aerobic count (TAMC)	cfu/g	Ph. Eur. 2.6.12	<10	10	≤100 · PASS
14	Yeasts and moulds (TYMC)	cfu/g	Ph. Eur. 2.6.12	<10	10	≤100 · PASS
15	Enterobacteriaceae	/ g	Ph. Eur. 2.6.13	ND	—	ABSENCE · PASS
16	Escherichia coli	/ g	Ph. Eur. 2.6.13	ND	—	ABSENCE · PASS
17	Staphylococcus aureus	/ g	Ph. Eur. 2.6.13	ND	—	ABSENCE · PASS
18	Salmonella sp.	/ 25 g	Ph. Eur. 2.6.13	ND	—	ABSENCE · PASS

Remarks. ND = not detected below the stated limit of quantitation. LOQ = limit of quantitation. Results relate only to the sample tested. Limits are those of specification TDS·CRV·500 rev. 1.1.

This annex is **CreaVerum's transcription** of the laboratory data into the certificate. It is not the laboratory's own document and carries no accreditation mark. The original signed report issued by the testing laboratory is appended to every certificate — see page 3.

Annex B — Original laboratory report

The accredited report goes here.

In an issued certificate, the signed original test report from **SGS Institut Fresenius GmbH, Berlin** is appended in full from this page onward — with the laboratory's own letterhead, accreditation marks, report number, signatory and verification reference.

That document is issued by the laboratory, not by CreaVerum, so it cannot be reproduced in a specimen. This page stands in its place to show where it sits in the pack.

Customers can request the original report for any lot against its Verum Code at **creaverum.com/verify**.

SPECIMEN — ORIGINAL REPORT NOT REPRODUCED