Rainwood
BOTANICAL

SPECIMEN DOCUMENT
LOT SPEC-2026-TUR-001

Certificate of analysis

Turmeric extract 95% curcuminoids · Curcuma longa · rhizome

SPECIMEN — NOT A BATCH RECORD

PRODUCT	BOTANICAL NAME	PLANT PART	LOT NUMBER
Turmeric extract 95%	Curcuma longa	Rhizome	SPEC-2026-TUR-001
MANUFACTURING DATE	**RETEST DATE**	**SPECIFICATION**	**PACKAGING**
01 Oct 2026	01 Oct 2028	RW-TUR-95 · Rev. 03	25 kg fiber drum

TEST RESULTS

PARAMETER	METHOD	SPECIFICATION	EXAMPLE RESULT	STATUS
Identity	TLC / macroscopic	Conforms to reference	Conforms	Pass
Curcuminoids	HPLC	95.0–100.5%	95.4%	Pass
Curcumin share	HPLC	70–80% of total	76.2%	Pass
Appearance	Visual	Orange-yellow powder	Conforms	Pass
Moisture	Loss on drying	≤ 5.0%	2.8%	Pass
Ash	Gravimetric	≤ 5.0%	3.1%	Pass
Particle size	Sieve	≥ 98% through 80 mesh	99.1%	Pass
Bulk density	Tapped	0.45–0.65 g/mL	0.52 g/mL	Pass
Lead (Pb)	ICP-MS	≤ 1.0 ppm	0.18 ppm	Pass
Arsenic (As)	ICP-MS	≤ 1.0 ppm	0.05 ppm	Pass
Cadmium (Cd)	ICP-MS	≤ 1.0 ppm	0.03 ppm	Pass
Mercury (Hg)	ICP-MS	≤ 0.1 ppm	< 0.01 ppm	Pass
Total plate count	ISO method	≤ 10,000 CFU/g	1,200 CFU/g	Pass
Yeast and mould	ISO method	≤ 1,000 CFU/g	< 100 CFU/g	Pass
E. coli	ISO method	Absent / g	Absent	Pass
Salmonella	ISO method	Absent / 25 g	Absent	Pass
Ethanol	GC	≤ 5,000 ppm	320 ppm	Pass
Pesticide residues	LC-MS/MS / GC-MS/MS	Per destination MRL	Separate batch report	See report

This is a specimen, not a batch record. The lot number, dates, and example results above are illustrative and are not a representation of any shipment. A real COA is issued for the manufacturing lot that ships, with the methods, limits, results, and release decision for that lot. Pesticide, solvent, and heavy-metal panels are agreed in the specification and may differ by destination.

DOCUMENT CONTROL

Specification reference	RW-TUR-95 · Rev. 03 · issued 2026
Analytical methods	HPLC (assay), TLC (identity), ICP-MS (metals), GC (solvents), ISO methods (microbiology)
Calculation basis	Assay results reported on a dry basis unless otherwise stated
Retained sample	Kept for the period stated in the quality agreement
Storage	Sealed, dry, protected from light and heat

SCOPE OF THIS DOCUMENT

WHAT IT COVERS

- Identity, assay, and physical parameters for this lot.
- Contaminant results against the agreed limits.
- The methods used and the release decision.

WHAT IT DOES NOT COVER

- Finished-product compliance or label claims.
- Efficacy, therapeutic benefit, or safety in use.
- Parameters that were not tested on this lot.

RELEASE

TESTED BY — QC LABORATORY

REVIEWED BY — QA

RELEASED BY — QUALITY ASSURANCE

Retained sample: kept for the period stated in the quality agreement. Storage: sealed, dry, protected from light and heat. This document does not replace the specification, TDS, SDS, or the buyer's own release testing.