

GROUND SPICE

# Red Chilli Powder

*Capsicum annuum L.*

Chilli is the one line where two independent numbers drive the price: ASTA colour value and Scoville heat. Guntur Teja delivers heat, Byadgi delivers colour, and most industrial buyers actually want a blend that lands on a specific point between them. We buy at Guntur, Byadgi and Warangal, blend to a target colour and heat, and confirm both on a pre-shipment certificate of analysis. Sudan dye screening is mandatory on every lot, without exception.

| BOTANICAL NAME     | HS CODE (GROUND) | COLOUR VALUE                   | PUNGENCY                              |
|--------------------|------------------|--------------------------------|---------------------------------------|
| Capsicum annuum L. | 09042200         | 30 – 90 ASTA, to specification | 5,000 – 100,000 SHU, to specification |

GRADES

## Grades and differentiators

| GRADE                | CHARACTER AND TYPICAL USE                                                                                      | KEY VALUE            |
|----------------------|----------------------------------------------------------------------------------------------------------------|----------------------|
| Byadgi Kaddi / Dabbi | Wrinkled, deep red, very low heat. The colour grade — 60–90 ASTA. Used to lift colour without adding pungency. | ≈ 8,000–15,000 SHU   |
| Guntur Sannam S4     | The global commercial standard. Balanced colour and moderate heat.                                             | ≈ 25,000–40,000 SHU  |
| Teja S17             | High-pungency Guntur variety, the reference for hot blends and oleoresin capsaicin.                            | ≈ 75,000–100,000 SHU |
| Custom blend         | Blended to your stated ASTA colour and SHU, confirmed on COA before shipment.                                  | To specification     |

TECHNICAL

## Typical export specification

| PARAMETER                            | SPECIFICATION                  | METHOD              |
|--------------------------------------|--------------------------------|---------------------|
| Moisture                             | ≤ 10.0%                        | IS 2820 / AOAC      |
| Colour value                         | 30 – 90 ASTA (per grade)       | ASTA 20.1           |
| Pungency (capsaicin)                 | Per grade, declared in SHU     | HPLC / ASTA 21.3    |
| Total ash (dry basis)                | ≤ 8.0%                         | AOAC 941.12         |
| Acid insoluble ash                   | ≤ 1.3%                         | AOAC 941.12         |
| Seed content                         | ≤ 25% (stemless, per grade)    | Visual              |
| Standard mesh                        | 40 / 60 mesh                   | —                   |
| Sudan dyes I, II, III, IV & Para Red | Not detected                   | LC-MS/MS            |
| Aflatoxin B1 / total                 | ≤ 5 / ≤ 10 µg/kg               | HPLC-FLD            |
| Ochratoxin A                         | ≤ 15 µg/kg                     | HPLC-FLD            |
| Salmonella                           | Absent in 25 g                 | ISO 6579            |
| Pesticide residues                   | Within EU MRLs (Reg. 396/2005) | LC-MS/MS & GC-MS/MS |

**Read this as indicative.** Figures reflect standard Indian export practice and common buyer specifications for this line. The binding specification is the one written into your contract and confirmed on the pre-shipment certificate of analysis, issued by an NABL-accredited laboratory before the container is sealed. We will work to a tighter buyer specification where your process demands it.

Prepared by Vimovi Enterprises Pvt Ltd. For a quotation against this specification, write to [connect@vimovienterprises.com](mailto:connect@vimovienterprises.com) or message +91 96510 76663 on WhatsApp, stating grade, quantity in MT, destination port, Incoterm and packing preference.