

 **Laboratory Test Report**

Sample: Byadgi KDL Red Chilli (Whole, Stemless)

Batch No.: VS-CH-BYADGI-2501

Date of Analysis: 16 August 2025

Lab Reference ID: VEX-LAB-BYADGI-250816

Test Parameters

Parameter	Result	Method Used	Specification (Limit)
Moisture (%)	11.5	AOAC 925.45	≤ 12%
ASTA Colour Value	165 (Premium)	ASTA Method 20.1	150–180+ (Premium) / 120–150 (Standard)
SHU (Pungency)	6,200	HPLC (ISO 7543-2)	5,000 – 8,000
Admixture (%)	1.5	Visual Inspection	≤ 2%
Aflatoxin (ppb)	< 5	LC-MS/MS	≤ 5 (EU Compliant)
Salmonella / 25g	Absent	ISO 6579	Absent
E. Coli / g	< 10 cfu/g	ISO 16649-2	< 100 cfu/g
Yeast & Mold / g	190 cfu/g	ISO 21527	< 500 cfu/g

Conclusion

The tested sample of **Byadgi KDL Chilli** meets **international export specifications** for colour, moisture, pungency, aflatoxin, and microbiological safety.

Authorized By:

Food Safety & Quality Laboratory (Accredited)

Signature: _____

Date: _____