

Specifications of Red Lentil:

Sl. No	Parameters	Specification for TCB	Margin of tolerance with claim for deviation beyond specification	Rejection	Inspection Method
1.	Crop year	Current year's fresh crop.	Current year's fresh crop.	Beyond current year's fresh crop	
2.	Brightness	Bold bright and shining grain.	Bold bright and shining grain.	Fade Colour.	Visual/ physical
3.	Split Grain	Max. 7% of which broken pulses must not exceed 3.0%	-	Above 7%	ISO 605
4.	Grain Size	3.5 to 4.90 mm diameter (Not average) (Using Sieve)	4.91 to 5.0 mm diameter (Not average) (Using Sieve)	Bellow 3.50 mm & above 5.00 mm diameter (Not average)	ISO 605
5.	Dirt	0.2% (All extraneous matter other than food grain, non-food grains and seeds).	-	Above 0.2 %	Visual/Physical
6.	Damage and Touched grain	0.5% Max	-	Above 0.5 %	Visual/Physical
7.	Foreign Food Grains	0.2% (All food grains other than the grade of dal being examined.)	-	Above 0.2 %	ISO 605
8.	Immature /Unripe Grain Except arhar.	0.5%	0.51-1.00%	Above 1.0 %	ISO 605
9.	Moisture	12%	12.001-13.0%	Above 13.0%	ISO 24557
10.	Cleanness, Odour & Husk	Clean and wholesome, without any bad odor	-	Unclean, if any bad odor.	Visual/Physical
11.	Unhusked grains	1.0% Max.	-	Above 1.0%	ISO 605
12.	Insect Damage	0.30%	0.31-0.50%	Above 0.50%	Visual/Physical