

# Nutritional value and bioactive compounds of ICAR-DGR groundnut varieties



## Girnar-2 (PBS-24030)



## Girnar-3 (PBS-12160)



Constituents	Girnar-2	Girnar-3
Oil content (%)	54.00	49.00
Protein content (%)	23.00	32.00
Sugars content (%)	5.30	8.30
<b>Fatty acids profile (%)</b>		
Palmitic	9.31	9.97
Stearic	3.85	2.79
Oleic	52.39	52.46
Linoleic	28.80	29.37
Linolenic	0.05	0.05
<b>Sugars (mg/g)</b>		
Myo-inositol	4.16	3.75
Glucose	0.16	0.27
Fructose	0.21	0.30
Sucrose	42.33	69.40
Raffinose	0.75	0.85
Stachyose	5.18	7.91
<b>Minerals (mg/100g)</b>		
Calcium (Ca)	28.00	44.00
Phosphorus (P)	158.00	150.00
Iron (Fe)	4.60	5.40
Zinc (Zn)	3.00	2.40
Potassium (K)	448.00	552.00
Magnesium (Mg)	1780.00	1700.00
Manganese (Mn)	1.80	1.10
<b>Bioactive compounds</b>		
Antioxidant activity	15.21 (mM Trolox/g)	18.11 (mM Trolox/g)
Phenolics	2.30 (mg/g)	3.37 (mg/g)
Resveratrol	1.36 (µg/g)	0.69 (µg/g)
Kaempferol	13.70 (µg/g)	12.37 (µg/g)
Catechin	1.10 (µg/g)	5.43 (µg/g)

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