



Sri Venkatarama Gaia Pvt. Ltd.

SRI VENKATARAMA GAIA PRIVATE LIMITED			
REFINED RICE BRAN OIL SPECIFICATIONS			
Parameter	Reference method	UOM	Specification
Physical & chemical parameters			
Appearance	Visual	None	Clear yellowish Liquid
odour	Agreeable	None	Agreeable
Acid value	IS 548 part-I (Alkali 6B)	mg KOH/gm	Max 0.3
Colour in 1 "cell at Filling	IS 548 part-I	Lovibond units	11 to13
Moisture	IS 548 part-I	% by wt	Max 0.1
Refractive Index	IS 548 part-I	None	1.4600-1.4700
Saponification value	IS 548 part-I	mgKOH/gm	180-195
Iodine value	IS 548 part-I	g/100g	90-105
Peroxide value at Filling	IS 548 part-I	meq peroxide O ₂ /Kg	1.0 - 2.0
Wax	SOP No: 29	% by wt	Max 0.06
U.S.M	IS 548 part-I	% by wt	Max 4.0
Oryzanol	SOP No: 27	PPM	12000-14000
Flash point	FSSAI Manual of methods	°C	>250
Cloud point	SOP No: 68	°C	Max 14
TBHQ	SOP No:62	PPM	80-100
Phosphatides	SOP No-17	PPM	Nil
Specific gravity	IS 548 part-I	V/W	0.912 to 0.920
Contamination Tests			
Argemone oil	IS 548 part-II	None	Negative
Mineral oil	IS 548 part-II	None	Negative
Castor oil	IS 548 part-II	None	Negative
Sesame oil	IS 548 part-II	None	Negative
Cotton seed oil	IS 548 part-II	None	Negative

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