



CERTIFICATE OF ANALYSIS

MUSTARD SEED OIL

Batch No.: 4338109

Best Before End: October 2020

Analysis Description	Minimum Value	Maximum Value	Result	Compliance
Appearance			Mobile liquid	Pass
Colour			Golden yellow	Pass
Odour			Characteristic	Pass
Specific Gravity at 20°C	0.912	0.928	0.912	Pass
Refractive Index at 20°C	1.470	1.474	1.472	Pass
Acid Value	0	4	0.4	Pass
Iodine Value	96	110	98	Pass
Saponification Value	170	182	179	Pass
C14:0 Myristic %	0.0	1.0	0.1	Pass
C16:0 Palmitic %	0.5	4.5	2.7	Pass
C16:1 Palmitoleic %	0.0	0.5	0.1	Pass
C18:0 Stearic %	0.5	2.0	1.1	Pass
C18:1 Oleic %	8.0	32.0	22.2	Pass
C18:2 Linoleic %	8.0	24.0	10.0	Pass
C18:3 Linolenic %	6.0	18.0	9.7	Pass
C20:0 Arachidic %	0.0	1.5	<0.1	Pass
C20:1 Eicosenic %	5.0	13.0	10.2	Pass
C20:2 Eicosanedienoic Acid %	0.0	1.0	0.4	Pass
C22:0 Behenic %	0.2	2.5	0.6	Pass
C22:1 Euric %	22.0	50.0	37.7	Pass
C24:0 Lignoceric %	0.0	0.5	0.3	Pass
C24:1 Nervonic %	0.5	3.0	2.4	Pass

Shelf life of this product depends very much on storage conditions, particularly temperature and exposure to light and air.

Expiry date must be considered as subjective; the expiry date given here is based on the best of our knowledge and experience of the material when stored under recommended conditions in original unopened containers.

Due to the natural ingredients contained in many of our products, there may be a slight batch to batch variation in the colour, odour or consistency. However, we ensure that this does not affect the quality and efficacy of the products in any way.

We hereby certify that the above material meets the required specification and is released for free sale.