



MPL Products
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**Product: HYDROGENATED CASTOR OIL POWDER - MICRONIZED
(Castor Wax)**

Certificate of Analysis:

Sr. No.	Tests Conducted	Test Value	Specification ASPL/FP/SPEC/16-L-3.
01	Appearance	Complies	White color in powder form.
02	Melting Point., (°C)	86.2	85°C to 88° C
03	Acid Value., (mg KOH/gm)	0.83	3.0 Maximum.
04	Hydroxyl Value., (mg KOH/gm)	157.45	155 Minimum.
05	Iodine Value., (Wij's), (gm I ₂ /100gm)	2.51	3.0 Maximum.
06	Saponification Value., (mg KOH/gm)	179.80	177 – 185
07	Color., Gardner	< 3	3 G Maximum.
08	Color on Lovibond Tintometer Scale in 5.25" Cell	Y – 13.0 R – 1.3	Yellow – 16.0 Maximum Red – 1.6 Maximum.
09	Material Pass in 325 Mesh., (Maximum)	Complies	99 %
10	Material Pass in 44 Micron., (Maximum)	Complies	99 %