



Meade-King, Robinson & Co. Ltd.

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PRODUCT SPECIFICATION

OF 23a

**Description: Castor Oil No. 1
First Special Grade**

Issue: 2

Characteristics

Appearance	: pale yellow viscous liquid
Moisture, impurities & volatile matter	: 0.25 % Max
Refractive index @ 25 deg. c	: 1.477 - 1481
Relative density at 20 deg c	: 0.954 – 0.960
Acid value	: 2 Max
Hydroxyl value	: 160 Min
Iodine value	: 82 – 90
Saponification value	: 177 – 185
Optical rotation	: + 3.5 - + 6.0 deg
Unsaponifiable matter	: 1 % Max
Acetyl value	: 140 Min
Free fatty acid as oleic acid	: 1 % Max
Viscosity gardner at 25 deg c	: U – V
Colour in 5 ¼" lovibond	: 20Y 2R max

NB: This document nullifies and replaces all previous documents referring to this product.