

VIVION, INC

DATA SHEET

STEARIC ACID POWDER (Vegetable Grade)

Product Name	:	Stearic Acid Veg. Powder
Chemical Formula	:	$C_{18}H_{36}O_2$
Molecular Weight	:	284.47
Derivation	:	Palm and or Palm Kernal Oil

SPECIFICATIONS

Acid Value	:	204 – 210
Iodine Value	:	0.5 Max.
Heavy Metals (as Pb)	:	Less than 5 ppm
Arsenic	:	Less than 1 ppm
Residue on Ignition (% by wt.)	:	Less than 0.1%
Saponification Value	:	205 – 211
Unsaponified Material, %	:	0.5% Max.
Color 5 ¼" Lovibond	:	2 Y / 0.2R
Titre, °C	:	55° – 57°C
Color (APHA)	:	50 Max.

FATTY ACID COMPOSITION IN %

(C12)	:	1% Max.
(C14)	:	2% Max.
C16)	:	42 – 48%
(C18)	:	50 – 56%

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