

2553–CETYL ALCOHOL (1-HEXADECANOL) EXTRA PURE

REF NO: TBL/QA/SS/LC/2553	STANDARD SPECIFICATION FOR CETYL ALCOHOL (1- HEXADECANOL) EXTRA PURE	Rev. No: 03
Issue No: 04		Review Date: 07/11/2024
Issue Date: 08/11/2021		Product code: 2553

PRODUCT PROPERTIES

C.A.S Number	36653-82-4
Chemical Formula	C ₁₆ H ₃₄ O
Formula weight	364.45
Functional Uses	<p>These are suitable for use in several analytical applications including but not limited to pharma release testing, pharma method development for qualitative and quantitative analyses, food and beverage quality control testing, and other calibration requirements.</p> <p>Cetyl Alcohol may be used as a pharmaceutical reference standard for the determination of the analyte in pharmaceutical formulations by various chromatography techniques.</p>
Standard Packaging	500 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White color flakes

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Iron (Fe)	NMT – 0.005%
Sulphate (So ₄)	NMT – 0.1%
Lead (Pb)	NMT – 0.005%
Chloride (Cl)	NMT – 0.005%
Assay	NLT – 99.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

