



## Certificate of Analysis.

**Cetyl Alcohol Reference standard according to USP/Ph. Eur, AnStan<sup>®</sup>.**

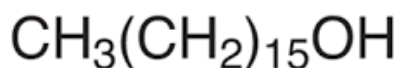
Product code:	<b>BS11167.</b>
Description:	<b>Cetyl Alcohol Reference standard according to USP/Ph. Eur, AnStan<sup>®</sup>.</b>
Chemical Name:	<b>1-Hexadecanol.</b>
Pack:	<b>5 gm.</b>
CAS No.:	<b>36653-82-4.</b>
Mol. Weight:	<b>242.44 g/mol.</b>
Mol. Formula:	<b>CH<sub>3</sub>(CH<sub>2</sub>)<sub>15</sub>OH.</b>
MDL Number:	<b>MFCD00004760.</b>
Melting Point:	<b>50 °C</b>
Boiling Point:	<b>320 °C.</b>
Density:	<b>0.82 g/cm<sup>3</sup>.</b>
Solubility:	<b>Soluble in Chloroform.</b>
Storage:	<b>Store at ambient temperature.</b>
LOT NO.:	<b>Sample.</b>
Manufacture Date:	<b>Lot specific.</b>
Expiry Date:	<b>5 years.</b>

Test	Specification	Measured Values
Appearance:	White flakes, granules, cubes, castings or powder.	<b>Lot specific.</b>
Identification by NMR:	Confirms to the structure.	<b>Lot specific.</b>
Identification by MASS:	Confirms to the structure.	<b>Lot specific.</b>
Identification by IR:	Confirms to the structure	<b>Lot specific.</b>
Purity by GC:	>97%.	<b>Lot specific.</b>

Please Note: - This material is only for laboratory purpose and not for human consumption. This is a computer generated COA, no stamp or signature is required.

**Comparative Purity:**

Specification	In-house LOT (BS11167/01).	USP LOT (R136B0).
Purity by GC:	<b>Lot specific</b>	<b>Lot specific</b>



**Dr. K. Deepti.**  
**Technical Head.**

