



# SYMBIOTICA

SPECIALITY INGREDIENTS SDN. BHD.

Lot: 0050314

## CERTIFICATE OF ANALYSIS

<b>Issued to</b>	: R2 Group A/S	<b>Country</b>	: Denmark
<b>Purchase ref.</b>	: 806305	<b>SeO ref.</b>	: 61/14
<b>Product</b>	: Testosterone Propionate	<b>Manf. Date</b>	: January 2014
<b>Batch no.</b>	: TSP-BLT 005/0114	<b>Retest Date</b>	: December 2016
<b>Quantity</b>	: 10 kg	<b>Date of issue</b>	: 27/02/2014

<b>Description</b>	White powder (White or almost white powder or colorless crystals)
<b>Solubility</b>	Complies (Practically insoluble in water, freely soluble in acetone and in ethanol 96%, soluble in fatty oils)
<b>Identification</b>	IR : Concordant with standard (EP)
<b>Specific rotation</b> ( 1% solution in ethanol)	+84° ( +84° to +90° on dried basis )
<b>Related Substances</b> (By HPLC)	0.06 % ( Impurity A : NMT 0.5% ) 0.05 % ( Impurity C : NMT 0.2% ) Complies ( Unspecified impurities : NMT 0.10% ) 0.11% ( Total Impurities : NMT 0.7% )
<b>Loss on drying</b>	0.12 % w/w (NMT 0.5% w/w )
<b>Assay</b>	By HPLC : 99.3 % w/w ( NLT 97.5% w/w and NMT 102.0% w/w on dried basis)

<b>Conclusion</b>	:	Complies with EP 8
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Analytical Chemist

QC Manager



Manufacturing Site: No.518, Jalan Waja 4, Taman Industri Waja, 09000 Kulim Kedah Darul Aman, Malaysia.