

Certificate of Analysis

<b>Product Name:</b>	D-Biotin	<b>Manufacture Date:</b>	May .18 , 2016
<b>Batch Number:</b>	SX20160518	<b>Analysis Date:</b>	May .18 , 2016
<b>Batch Quantity:</b>	80 Kg	<b>Expiration Date</b>	May .18 , 2018

Test/Observation	Specifications	Result
Assay (C <sub>10</sub> H <sub>16</sub> N <sub>2</sub> O <sub>3</sub> S)	99%	99.62 %
Appearance	White Crystalline Powder	Complies
Odor & taste	Characteristic	Complies
Specific Rotation	89°- 93°	91.7°
Organic Volatile Impurities	Meets the requirements of USP 32	Complies
Sulphate Ash	0.1%	0.06%
Loss on drying	MAX. 2%	1.32%
Residue on ignition	MAX. 0.5%	0.33%
Heavy metals (PPM)	MAX.10%	Complies
<b>Microbiology</b>		
Total Plate Count	<1000cfu/g	30 cfu/g
Yeast & Mold	<100cfu/g	10 cfu/g
E.Coli	Negative	Complies
S. Aureus	Negative	Complies
Salmonella	Negative	Complies
<b>Conclusion</b>	Conform with specifications of USP 32	

<b>Packing description:</b>	Sealed export grade drum & double of sealed plastic bag
<b>Storage:</b>	Store in cool & dry place not freeze., keep away from strong light and heat
<b>Shelf life:</b>	2 years when properly stored



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