

Certificate of Analysis

DSIP Acetate		GT-A021																												
Product Name :	DSIP Acetate	CAS No. :	62568-57-4																											
Molecular Formula:	C35H48N10O15	Molecular Weight :	848.9																											
Quantity:	40g	Manufacturing Date:	2018-11-7																											
Batch NO:	GT-A021	Retest Date :	2020-11-7																											
Sequence	Trp-Ala-Gly-Gly-Asp-Ala-Ser-Gly-Glu																													
Store at :	Cool dry place(-20°C, away from the light)																													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Tests :</th> <th style="width: 40%;">Specifications</th> <th style="width: 30%;">Results</th> </tr> </thead> <tbody> <tr> <td>Appearance</td> <td>White powder</td> <td>Conforms</td> </tr> <tr> <td>Purity(HPLC)</td> <td>≥98%</td> <td>98.39%</td> </tr> <tr> <td>Single Impurity (HPLC)</td> <td>≤2.0%</td> <td>Conforms</td> </tr> <tr> <td>Peptide Content (N%)</td> <td>≥80.0%</td> <td>84.5%</td> </tr> <tr> <td>Water Content (Karl Fischer)</td> <td>≤8.0%</td> <td>5.9%</td> </tr> <tr> <td>Acetate Content (HPIC)</td> <td>≤12.0%</td> <td>7.1%</td> </tr> <tr> <td>MS (ESI)</td> <td>Conforms</td> <td>Conforms</td> </tr> <tr> <td>Mass Balance</td> <td>95.0~105.0%</td> <td>Conforms</td> </tr> </tbody> </table>				Tests :	Specifications	Results	Appearance	White powder	Conforms	Purity(HPLC)	≥98%	98.39%	Single Impurity (HPLC)	≤2.0%	Conforms	Peptide Content (N%)	≥80.0%	84.5%	Water Content (Karl Fischer)	≤8.0%	5.9%	Acetate Content (HPIC)	≤12.0%	7.1%	MS (ESI)	Conforms	Conforms	Mass Balance	95.0~105.0%	Conforms
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Quality Control by :	Bingxin Xie	2018-11-7																												
Quality Assured by	Yiming Cheng	2018-11-17																												
For any technical enquiries please contact:info@kingpep.com																														
For Material Safety Data information please email :info@kingpep.com																														
1) The shipment contains Chemically Synthesized Peptide. (Synthetic Protein). It is not derived from human, animal or plant.																														
2) The above material is to be used exclusively for in vitro laboratory research purposes only. It has no commercial resale value. It is NOT for Human or Animal Consumption.																														
3) The material is NOT hazardous, nor infectious. The material is NOT an immunogen. It is NOT a drug or a controlled substance.																														
4) It does NOT contain any animal or cell culture derived products or additives such as Albumin or Serum.																														
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