

Zhao dong Star Lake Bioscience Co.,Ltd.  
**CERTIFICATE OF ANALYSIS**

SLZD-QC-1-18.01-4

Product : Disodium 5'-Ribonucleotide(I+G)	Analysis No. : 2103002
Batch No. : IG2103002	Date of manufacture : Feb.25, 2021
Batch Quantity : 3056.0 kg	Date of expiry : Feb.24, 2024
Packing : 10kg/ carton	Date of report : Feb.25, 2021

**Test methods** **GB 1886.171-2016**

<u>ITEM</u>	<u>LIMIT</u>	<u>TEST</u>
<b>The characteristics of senses</b>	White or off white、crystals or crystalline powder	White crystalline powder
<b>Physical and chemical specification</b>		
Assay(IMP+GMP)/(%) (Calculated on the dried basis)	97.0-102.0	99.3
IMP (mixed proportion)/(%)	48.0-52.0	51.4
GMP (mixed proportion)/(%)	48.0-52.0	48.6
Loss on drying/(%)	≤25.0	20.9
Transmittance of 5% solution/(%)	≥95.0	97.1
PH(5% solution)	7.0-8.5	7.7
Other nucleotides	Passes test	Passes test
Amino acid	Passes test	Passes test
NH <sub>4</sub> <sup>+</sup> (ammonium)	Passes test	Passes test
Arsenic(As)/(mg/kg)	≤1.0	<1.0
Heavy metals(Pb)/(mg/kg)	≤10	<10

The conclusion

Passes all specifications.

Director of QC:

Inspector:

Reporter:

Laboratory:

*张明*

*张明*

*胡梅晴*



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