

Certificate of Analysis

Product Name	Bepirovirsen
Catalog No.	V44555
Batch No.	V4455501

1. Physical and Chemical Properties

Appearance	Off-white powder
Molecular Formula	
Molecular Weight	
Purity	=97.6%
CAS No.	1403787-62-1
Production Date	
Retest Date	2029-03-26

2. Analytical Data

Test Item	Specification	Result
HPLC	The retention time of the major peak of sample solution should be correspond to that of the standard solution as obtained in the purity	Conforms
MW	7344±3Da	Conforms
Water content	≤15.0%	9.5%
pH	5.5~9.5	7.9
Purity	≥95.0%	=97.6%
Residual Solvents (Acetonitrile)	≤0.041%	N.D.
Assay (UV absorption)	85.0%~105.0% (on anhydrous basis)	95.4%
Bacterial Endotoxins	≤1.0EU/mg	Conforms
Microbial Limit	Total aerobic microbial count ≤100 cfu/g Total combined moulds and yeasts ≤100 cfu/g	Conforms

3. Structure

<p>DNA, d(P-thio)([2'-O-(2-methoxyethyl)]rG-[2'-O-(2-methoxyethyl)]m5rC-[2'-O-(2-methoxyethyl)]rA-[2'-O-(2-methoxyethyl)]rG-[2'-O-(2-methoxyethyl)]rA-G-G-T-G-A-A-G-m5C-G-A-[2'-O-(2-methoxyethyl)]rA-[2'-O-(2-methoxyethyl)]rG-[2'-O-(2-methoxyethyl)]m5rU-[2'-O-(2-...</p>
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4. Storage Condition

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Storage Condition	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month
Note: Please store this product in a sealed and protected environment, avoid exposure to moisture.			

Products are for research use only • Not for human or veterinary use

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