Certificate of Analysis

Product	Dihexa	**CAS No.**	1401708-83-5
Product No.	LJDHX-001	**Batch No.**	LJDHX2026102801
Date of Mfg	2026/10/28	**Retest Date**	2028/10/27
Test Method	In-house		
Storage Conditions	Protected from light, sealed, store at 2~8℃		

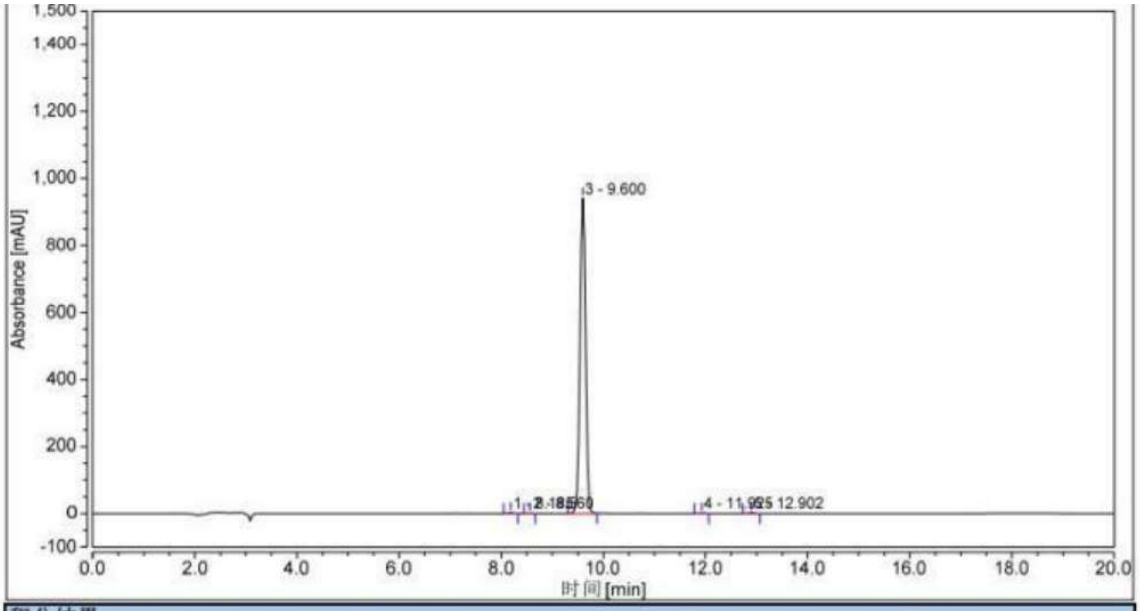
Test	**Acceptance Criteria**	**Results**
Appearance	White or off-white Powder	White Powder
Purity	≥98.0%	99.17%
Identification By MS	504.66±1.0	Conforms
Trifluoroacetic acid	≤0.5%	ND
Acetic acid	≤8.0%	1.6%
Related Substances	Max Single Impurity ≤0.5%	0.31%
	Total Impurities ≤2.0%	0.83%
Water content	≤8.0%	0.4%
Peptide Content	≥80.0%	97.18%
Residual Solvents	Methanol ≤3000ppm	35 ppm
	MeCN ≤410ppm	16 ppm
	DCM ≤600ppm	ND
	MTBE ≤5000ppm	ND
Elemental Impurities	As：≤1.5ppm	ND
	Cd：≤0.2ppm	ND
	Hg：≤0.3ppm	ND
	Pb：≤1.5ppm	ND
Microbial Limit	Total aerobic bacteria ≤ 100cfu/g	Conforms
	Mould & Yeast ≤ 100cfu/g	Conforms
Bacterial Endotoxin	≤10EU/mg	Conforms
Conclusion	☑Meet the requirements ☐Do not meet the re	
Remark	It is only supplied as chemical product. It is only for R&D use.	

Reporter/Date: 张洁 2026/10/30 **Approver/Date:** 刘辉 2026/10/30

检测专用章

[在此处键入]

HPLC:



积分结果

序号	峰名称	保留时间 min	峰面积 mAU*min	峰高 mAU	相对峰面积 %	相对峰高 %	样品量 n.a.
1		8.185	0.305	2.769	0.26	0.29	n.a.
2		8.560	0.111	1.069	0.09	0.11	n.a.
3		9.600	118.259	941.141	99.17	99.11	n.a.
4		11.925	0.204	1.698	0.17	0.18	n.a.
5		12.902	0.371	2.914	0.31	0.31	n.a.
总和:			**119.250**	**949.593**	**100.00**	**100.00**	

[在此处键入]