

Certificate of Analysis

Dihexa

CAS No	1401708-83-5	Code	BIOJDIH001
Lot No	2026031101-6	Manufacture Date	Mar.11, 2026
Retest Date	Mar.10, 2028	Quantity	10G

Testing Items	Specifications	Results
Appearance	White or almost white fluffy powder	White fluffy powder
Solubility	Soluble in glacial acetic acid, insoluble in water	Complies
Water content (Karl Fischer)	$\leq 8.0\%$	1.0%
Acetic acid (By HPLC)	$\leq 1.0\%$	Not detected
Trifluoroacetic acid (By HPLC)	$\leq 0.5\%$	Not detected
Peptide Purity (By HPLC)	$\geq 98.0\%$	99.2%
Related Substance (By HPLC)	Largest single impurity $\leq 1.0\%$ Total impurities $\leq 2.0\%$	0.2% 0.8%
Peptide content	$\geq 85.0\%$	98.1%
Organic Solvent Residue	Acetonitrile $\leq 0.041\%$ Dichloromethane $\leq 0.060\%$ N,N-Dimethylformamide $\leq 0.088\%$	<0.041% <0.060% <0.088%
Bacterial endotoxin	<10EU/mg	<10EU/mg
Molecular Weight	-----	504.67
Conclusion	This product conforms to In-house standard	

***Storage conditions:**

Stability studies demonstrate the material remains stable at 25 °C; ambient shipment permitted.

Long-term storage recommended at -20 °C.