

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-16 15:23:46
 Date of Next Testing: 2026-06-15 15:23:46
 Product Name: **2-Deoxy-2,2-difluoro-D-erythro-pentonic Acid γ -Lactone 3,5-Dibenzoate**
 CAS Number: 122111-01-7
 Specifications & Purity: $\geq 98\%$
 Lot #: G2219273
 SKU #: **D123989**
 Version: **0**
 Analysis #: **081622**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in CH}_3\text{CN})$	69-73 (°)	72.55800°
Melting point	121-125 (°C)	122.45000 °C
Purity(HPLC)	98-100 (%)	98.38000 %
Appearance (D123989)	White powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager