

## Certificate of Analysis

Date of Testing: 2022-08-10 16:00:37  
Date of Next Testing: 2025-08-09 16:00:37  
Product Name: **Adenine 9- $\beta$ -D-arabinofuranoside**  
CAS Number: 5536-17-4  
Specifications & Purity: 99%  
Lot #: J1922092  
SKU #: **A170956**  
**Analysis:** **123640**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation [a] <sub>D</sub> 20/D(c=1 in DMF)	-4--2 (°)	-3.35 °
Loss on drying	0-2 (%)	1.24 %
Purity(HPLC)	99-100 (%)	99.28400 %
Appearance (A170956)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager