

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-02 16:36:38

Date of Next Testing: 2028-04-01 16:36:38

Product Name: **Deoxyribonucleic acid sodium salt**

CAS Number: 438545-06-3

Specifications & Purity: From salmon testicles

Lot #: C2531430

SKU #: **D487092**

Version: **2**

Analysis #: **451313**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
PH(1% in Water)	6-8	7.60000
Loss on drying	0-10 (%)	4.40000 %
Average molecular weight	0-650 (kDa)	10.36500 kDa
Lead(Pb)	0-10 (ppm)	1.06500 ppm
Cadmium(Cd)	0-5 (ppm)	1.23600 ppm
Arsenic(As)	0-2 (ppm)	2.00000 ppm
Mercury(Hg)	0-1 (ppm)	1.00000 ppm
Aerobic bacterial count	0-500 (cfu/g)	10.36500 cfu/g
Molds and yeasts	0-100 (cfu/g)	5.36000 cfu/g
Identification(UV:Ratio of absorbance at 260 and 280nm)	1.5-2.0	1.70000
Assay(dry goods)	96-100 (%)	96.10000 %
Appearance(D487092)	White powder or fibrous solid	White powder or fibrous solid
Thermotolerant coliform bacteria	Negative	Negative
Staphylococcus Aureus	Negative	Negative
Pseudomonas Aeruginosa	Negative	Negative
solubility(2 mg/mL,H ₂ O)Clear to Hazy Colorless	pass	Pass



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager