

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-05 10:48:57
 Date of Next Testing: 2029-05-04 10:48:57
 Product Name: **Deoxyribonucleic acid sodium salt**
 CAS Number: 438545-06-3
 Specifications & Purity: From salmon testicles
 Lot #: D2629117
 SKU #: **D487092**
 Version: **2**
 Analysis #: **691035**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Identification(UV:Ratio of absorbance at 260 and 280nm)	1.5-2.0	1.91000
PH(1% in Water)	6-8	7.60000
Loss on drying	0-10 (%)	4.50000 %
Average molecular weight	0-650 (kDa)	642.00000 kDa
Lead(Pb)	0-10 (ppm)	2.50000 ppm
Cadmium(Cd)	0-5 (ppm)	1.90000 ppm
Arsenic(As)	0-2 (ppm)	1.25000 ppm
Mercury(Hg)	0-1 (ppm)	0.60000 ppm
Aerobic bacterial count	0-500 (cfu/g)	25.30000 cfu/g
Molds and yeasts	0-100 (cfu/g)	3.52000 cfu/g
Assay(dry goods)	96-100 (%)	99.00000 %
Staphylococcus Aureus	Negative	Negative
Pseudomonas Aeruginosa	Negative	Negative
solubility(2 mg/mL,H2O)Clear to Hazy	pass	Pass
Colorless		
Appearance(D487092)	White to pale yellow powder or fibrous solid	White to pale yellow powder or fibrous solid
Thermotolerant coliform bacteria	Negative	Negative



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager