

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-08-12 09:06:31

Date of Next Testing: 2027-11-05 09:06:31

Product Name: **Soil Genomic DNA Kit**

CAS Number:

Specifications & Purity: BioReagent, Suitable for Molecular Biology, for DNA and RNA applications

Lot #: ZJ26F0838268

SKU #: **S1522826**

Version: **1**

Analysis #: 034995

Parameter	Limit Value	Result
DNA Yield Difference between the test kit and a qualified control reagent when extracting total RNA from garden bed soil	≤10(%)	8.00000 %
DNA Purity: A260/A280 ratio	1.6-1.9	1.69000
DNA Purity: A260/A230 ratio	0.5-2.6	1.04000
Seal Integrity Testing	Conform	Conform
Appearance (S1522826A)	Colorless, clear and transparent liquid	Colorless, clear and transparent liquid
Appearance (S1522826B)	Colorless, clear and transparent liquid	Colorless, clear and transparent liquid
Appearance (S1522826D)	Colorless, clear and transparent liquid	Colorless, clear and transparent liquid
Appearance (S1522826E)	Colorless, clear and transparent liquid	Colorless, clear and transparent liquid
Appearance (S1522826F)	Pale yellow liquid	Pale yellow liquid
Appearance (S1522826G)	Colorless, clear and transparent liquid	Colorless, clear and transparent liquid
Conductivity and pH (All Buffers)	Complies with the QC standards	Complies with the QC standards
The DNA bands on the electropherogram shall be intact	Conform	Conform
Appearance (S1522826C)	Colorless, clear and transparent liquid	Colorless, clear and transparent liquid



Sophia Cheng
Quality Assurance