

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-21 15:46:44

Date of Next Testing: 2026-12-20 15:46:44

Product Name: **Buffered oxide etchant (BOE) 6:1 with surfactant**

CAS Number:

Specifications & Purity:

Lot #: L2313267

SKU #: **B487586**

Version: **2**

Analysis #: **301015**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Hydrofluoric Acid	3-20 (wt%)	4.63000 wt%
Ammonium Fluoride	20-40 (wt%)	36.20000 wt%
Water by Karl Fischer	49-62 (%)	59.20000 %
Specific gravity	1.02-1.22	1.12000
pH	3-5	4.10000
Appearance(B487586)	Colorless Liquid	Colorless liquid
Surfactant : 0.003 Wt %	Pass	Pass
Solubility :Completely miscible in water	Pass	Pass



John Su
QA & QC Manager