

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-02 11:37:47
Date of Next Testing: 2027-09-02 11:37:47
Product Name: **Phenolphthalein**
CAS Number: 77-09-8
Specifications & Purity: indicator ACS, Reag. Ph Eur
Lot #: H2423115
SKU #: **P433836**
Version: **2**
Analysis #: **398085**

Parameter	Limit Values	Result
Loss on drying(105°C)	0-1 (%)	0.32 %
Spec. Absorptivity A 1%/1cm (λ_{max} ; 0.01 g/l; buffer pH 9.8; calculated on dried substance)	700-750	727.00000
Absorption maximum λ_{max} . (buffer pH 9.8)	551-554 (nm)	552.63000 nm
Appearance(P433836)	White to yellowish white powder	White to yellowish white powder
Clarity of the alcoholic solution(10 g/l ethanol)	Passes test	Passes test
Infrared spectrum	Conforms to Structure	Conforms to Structure
Visual transition interval(From pH 8.2 (colorless) to pH 9.8 (red-violet))	Pass	Pass



John Su
QA & QC Manager