

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-09-02 11:40:53  
Date of Next Testing: 2027-09-02 11:40:53  
Product Name: **Phenolphthalein**  
CAS Number: 77-09-8  
Specifications & Purity: indicator ACS, Reag. Ph Eur  
Lot #: H2423114  
SKU #: **P433836**  
Version: **2**  
Analysis #: **398085**

Parameter	Limit Values	Result
Loss on drying(105°C)	0-1 (%)	0.32 %
Spec. Absorptivity A 1%/1cm ( $\lambda_{max}$ ; 0.01 g/l; buffer pH 9.8; calculated on dried substance)	700-750	727.00000
Absorption maximum $\lambda_{max}$ . (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