

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-09 18:42:15
 Date of Next Testing: 2025-09-08 18:42:15
 Product Name: **N-Phthaloyl-L-glutamic Anhydride**
 CAS Number: 25830-77-7
 Specifications & Purity: $\geq 98\%$
 Lot #: I2206878
 SKU #: **N158909**
 Version: **0**
 Analysis #: **133198**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=3 \text{ in Dioxane})$	-44--41 ($^{\circ}$)	-41.92300 $^{\circ}$
Purity(HPLC)	98-100 (%)	99.73900 %
Appearance (N158909)	White to off-white solid	White to off-white solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
 QA & QC Manager