

Certificate of Analysis

Date of Testing: 2025-06-21 10:27:39

Date of Next Testing: 2028-06-20 10:27:39

Product Name: **Direct Blue 86**

CAS Number: 1330-38-7

Specifications & Purity:

Lot #: F2516308

SKU #: **D405481**

Version: **1**

Analysis #: **516781**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Lambda max.(H ₂ O)	660-664 (nm)	664.00000 nm
Lambda max.2(H ₂ O)	620-624 (nm)	623.00000 nm
Absorbance(E1%1cm)(H ₂ O, 660.0 to 664.0 nm) ≥210 (calcd.on dried substance)		300.00000
Absorbance(E1%1cm)(H ₂ O, 620.0 to 624.0 nm) ≥250 (calcd.on dried substance)		284.00000
Drying loss	≤6 (%)	5.49101 %
Appearance(D405481)	Dark red to Dark purple to Dark blue powder to crystal	Dark red to Dark purple to Dark blue powder to crystal



John Su
QA & QC Manager