

DENVILLE **SCIENTIFIC INC.**

Certificate of Analysis

Product: 5-Bromo-4-Chloro-3-Indoxyl Phosphate,
mono-(p-toluidinium) salt (BCIP p-T, Powder)

Catalogue: **CB2555-2**

Lot No: 124358341

Molecular Weight: 433.6g/mole (anhydrous)

Formula: $C_{15}H_{15}BrClN_2O_4P$ or $C_8H_5BrClNO_4P(C_7H_{10}N)$

Test:	Specification:	Result:
Form:	White to off-white crystalline solid	Conforms
Water Content by Karl Fischer titration:	$\leq 2.0\%$	0.08%
Molar Absorptivity (anhydrous salt):	$\geq 5700 \lambda_{max} (\approx 292nm)$ in 10mM Diethanolamine buffer, pH 10.3	5913
Purity by HPLC area analysis:	$\geq 99.0\%$	100%
Residual Solvent by NMR:	$\leq 1.0\%$	0.2%
Inorganic Phosphate:	$\leq 0.10\%$	0.01%

Storage: Ships on blue ice, when received store at $-20^{\circ}C$ in the absence of light and oxygen. Blanket with inert gas after opening.

Expiration date: 7 October 2019

Despatch date: 7/10/19

Raised by: SC **Checked by:** MWB

This product is sold for use in IVD, research, further manufacturing, or technical purposes only, and is not intended for use in diagnostic or therapeutic applications.