



CERTIFICATE OF ANALYSIS

Catalog Number C038
Product Name Monobromobimane (mBBr)
CAS Number 71418-44-5
Molecular Formula $C_{10}H_{11}BrN_2O_2$
Molecular Weight 271.11
Appearance yellow solid
Lot Number AB2033A

	LOT DATA	SPECIFICATION
Absorption ¹ Maximum Extinction	384 nm 5,800 $cm^{-1}M^{-1}$	385 $\pm$ 3 nm 6,200 $\pm$ 600 $cm^{-1}M^{-1}$
Fluorescence ¹ Emission Maximum	462 nm	463 $\pm$ 4 nm
HPLC Purity	96 % at 254 nm	$\geq$ 95 % at 254 nm
NMR Result	meets specification	consistent with structure

1. Solvent: Methanol.