

neoFroxx GmbH

Marie-Curie-Str. 3
D-64683 Einhausen

Telefon: +49 (6251) 989 24 - 0
Telefax: +49 (6251) 989 24 - 10

E-Mail: info@neofroxx.com

www.neofroxx.com

Specification

Product	Coomassie® brilliant blue G-250 (C.I. 42655) for biochemistry
Brand	BioFroxx
Product number	1078
Synonym(s)	Brilliant blue G
Formula	$C_{47}H_{48}N_3NaO_7S_2$
Molecular weight	854.04 g/mol
CAS number	6104-58-1
Storage	below 25°C
Retest period (months)	48
® registered trademark of Imperial Industries PLC	
Parameter	Specification
Appearance	violet-black powder
λ_{max} . (buffer pH 7.0)	608 - 618 nm
E 1 %/1 cm, λ_{max} . (pH 7.0)	min. 420
Absorption ratio (λ_{max} 15nm/ $\lambda_{max}+15$ nm)	0.95 - 1.15
Loss on drying (105°C)	max. 10 %

Einhausen, 18.03.2020