



Gojira Fine Chemicals, LLC
Quality Products & Services Meeting Customer Needs
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Certificate of Analysis

Tetrabromophenol Blue Sodium Salt

Catalog Number: TB1002
Lot Number: 0808702
CAS Number: 108321-10-4
Synonym(s): 3,3',3'',4,5,5',5'',6-Octabromophenolsulfonphthalein sodium salt
Molecular Formula: $C_{19}H_5Br_8NaO_5S$
Molecular Weight: 1007.53
Storage: 15°C – 30°C
Date of Manufacture: February 18, 2017
Retest Date: February 17, 2019

Test	Specification	Result
Appearance	Brick-red powder or crystals	Conforms
Purity (HPLC)	≥ 98%	99.95%
Extinction Coefficients		
222-228nm	≥ 59,000	77,237
298-304nm	≥ 13,000	13,843
607-613nm	≥ 55,000	55,781
Solubility	H ₂ O, EtOH, MeOH	Conforms
Moisture (LOD)	≤ 3%	1%

Approved by:

Date: August 8, 2017

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