



## Specification

### Bromocresol Green Sodium Salt ACS

**Catalog Number:** BG1003  
**CAS Number:** 62625-32-5  
**Synonym(s):** 4,4'-(3H-1,2-Benzoxathiol-3-Yliden)Bis(2,6-dibromo-3-methylphenol S,S-Dioxide Monosodium salt  
**Molecular Formula:** C<sub>21</sub>H<sub>13</sub>Br<sub>4</sub>NaO<sub>5</sub>S  
**Molecular Weight:** 720.02

Test	Specification
Description:	Dark-brown to dark red or Greenish-black crystalline powder
Clarity of solution:	To pass test
Absorptivity 1%, 1cm, in Water at $\lambda$ max. 616.2 nm	> 350
Visual Transition Interval:	From pH 3.8 (yellow) To pH 5.4 (blue)
Loss on drying:	< 5%
Solubility:	H <sub>2</sub> O 40mg/ml EGME 50mg/ml ETOH 60mg/ml

Approved:

Date: April 20, 2020

John Grubb, PhD  
Gojira Fine Chemicals  
Quality Manager  
Tel: 440-252-5397, Fax: 888-211-5523  
[docsupport@gojirafc.com](mailto:docsupport@gojirafc.com)