



## Specification

### Bromocresol Purple Sodium Salt ACS

**Catalog Number:** BP1006  
**CAS Number:** 62625-30-3  
**Synonym(s):** 5',5''-Dibromo-*o*-cresolsulfonephthalein Sodium salt  
**Molecular Formula:** C<sub>21</sub>H<sub>15</sub>Br<sub>2</sub>O<sub>5</sub>SNa  
**Molecular Weight:** 562.22

Test	Specification
Description:	Purple brown to orange crystalline powder
Visual Transition Interval:	From pH 5.2 (yellow) To pH 6.8 (purple)
Clarity of Solution:	To pass test
Solubility 0.1% (Water):	Clear reddish yellow solution
Loss on drying at 110 Deg.C (1hr):	5.0% maximum
Dye content: (by Spectrophotometry)	90% minimum
Absorptivity 1%, 1cm (pH 6.8) at Lambda max. 589 nm:	870-1050

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)