



## Specification

### Phenolphthalein White ACS

**Catalog Number:** PW1001  
**CAS Number:** 77-09-8  
**Synonym(s):** 3,3-bis(p-hydroxyphenyl)phthalide; 3,3-bis(4-hydroxyphenyl)-1(3H)-isobenzofuranone  
**Molecular Formula:** C<sub>20</sub>H<sub>14</sub>O<sub>4</sub>  
**Molecular Weight:** 318.33

Test	Specification
Description:	White to off-white crystalline powder
Identification A,B:	To pass tests
Melting Point:	258-263 Deg. C
Clarity of alcohol solution:	To Pass Test
Visual transition Interval:	pH 8.0 (colorless) to pH 10.0 (red)
Assay:	97.0-101.0%
Loss on drying:	1.0 % maximum
Residue on Ignition:	0.1 % maximum
Arsenic (As):	8 ppm maximum
Heavy metals (as Pb):	0.0015% maximum
Organic Volatile Impurities:	To Pass Test
Chromatographic Impurity:	<1.0%
Fluoran:	To Pass Test

Approved:

Date: April 21, 2020

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