



## Specification

### Dithizone ACS

**Catalog Number:** DZ1001  
**CAS Number:** 60-00-4  
**Synonym(s):** (Phenylazo)thioformic Acid 2-Phenylhydrazide;  
Diphenylthiocarbazone  
**Molecular Formula:** C<sub>6</sub>H<sub>5</sub>NHNHCSN:NC<sub>6</sub>H<sub>5</sub>  
**Molecular Weight:** 256.33

Test	Specification
Description:	Dark purple to black crystalline powder
Assay (by spectrophotometry):	85 % minimum
Residue after ignition:	0.2% maximum
Heavy metals (as Pb):	0.002 % maximum
Ratio of absorbances:	≥1.55

Approved:

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