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## Phthalimide,

$C_8H_5NO_2$  147.13 CAS RN<sup>®</sup>: 85-41-6.—White powder.

### Assay

**Mobile phase:** Prepare a mixture of isooctane and methyl-*tert*-butyl ether (88:12).

**Procedure:** Inject about 20  $\mu$ L into a suitable liquid chromatograph (see [Chromatography \(621\)](#)) equipped with a 230-nm detector and a 4.6-mm  $\times$  15-cm column that contains packing L3. The flow rate is about 2 mL per minute. The area of the  $C_8H_5NO_2$  peak is not less than 99% of the total peak area.

**MELTING RANGE (741):** between 233° and 235°, with decomposition.

**Auxiliary Information** - Please [check for your question in the FAQs](#) before contacting USP.

Topic/Question	Contact	Expert Committee
PHTHALIMIDE	<a href="#">Margareth R.C. Marques</a> Principal Scientific Liaison	HDQ Headquarters

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