

Status: Currently Official on 16-Feb-2025
Official Date: Official Prior to 2013
Document Type: USP Monographs
DocId: GUID-1D8E8761-BE75-45F5-B45A-764ADA126B3B_1_en-US
DOI: https://doi.org/10.31003/USPNF_M73390_01_01
DOI Ref: k8bzz

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Resorcinol Monoacetate

$C_8H_8O_3$ 152.15
1,3-Benzenediol, monoacetate.

Resorcinol monoacetate CAS RN®: 102-29-4; UNII: YL6O37RD1S.

Packaging and storage—Preserve in tight, light-resistant containers.

Identification—

A: Fuse 3 drops with about 300 mg of phthalic anhydride and about 50 mg of zinc chloride: a small portion of the fused mixture when dissolved in 10 mL of 1 N sodium hydroxide produces an intense yellow-green fluorescence typical of fluorescein.

B: Dissolve 0.5 mL in 3 mL of alcohol, add 3 drops of sulfuric acid, and boil: ethyl acetate, recognizable by its odor, is evolved.

SPECIFIC GRAVITY (841): between 1.203 and 1.207.

Acidity—A solution of 10 mL of Resorcinol Monoacetate in 20 mL of benzene, when shaken with 100 mL of water, requires not more than 0.50 mL of 0.10 N sodium hydroxide for neutralization, methyl orange TS being used as the indicator.

LOSS ON DRYING (731)—Dry it on a steam bath for 1 hour: it loses not more than 2.5% of its weight.

RESIDUE ON IGNITION (281): not more than 0.1%.

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

Topic/Question	Contact	Expert Committee
RESORCINOL MONOACETATE	Documentary Standards Support	SM32020 Small Molecules 3
REFERENCE STANDARD SUPPORT	RS Technical Services RSTECH@usp.org	SM32020 Small Molecules 3

Chromatographic Database Information: [Chromatographic Database](#)

Most Recently Appeared In:
Pharmacopeial Forum: Volume No. Information currently unavailable

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