

Product Information

EPINEPHRINE BITARTRATE SIGMA REFERENCE STANDARD

Product No. **E1016**

Lot No: 50K8805

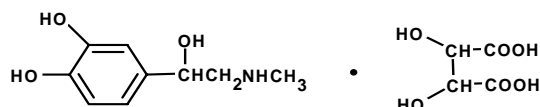
Storage Temperature: 2° - 8°

Formula: C₉H₁₃NO₃ • C₄H₆O₆

Formula Weight: 333.29

CAS No: 51-42-3

Synonyms: 1,2-Benzenediol, 4-[1-hydroxy-2-(methylamino)ethyl]-, (*R*)-, [*R*-(*R*^{*},*R*^{*})]-2,3-dihydroxybutanedioate (1:1) (salt).
 (-)-3,4-Dihydroxy- α -[(methylamino)methyl]benzyl alcohol
 (+)-tartrate (1:1) (salt).



Product Description

This product meets USP specifications (Current through USP 24, 1st Supplement), and is traceable to USP Reference Standard lot O

Store in sealed vial at refrigerator temperature. Protect from light. Dry a portion in vacuum over silica gel for 3 hours before using. Use promptly. Discard unused material.

TEST	USP 24 SPECIFICATIONS	Result Sigma R.S. Lot 50K8805
Identification	a deep red color is produced	passes
Specific rotation, $[\alpha]_D^{25}$ 200 mg/mL solution in dilute hydrochloric acid <781>	between - 50° and - 53.5°	- 52.5°
Melting range °C <741>	between 147° and 152°	148.2° - 149.0°
Loss on Drying <731>	not more than 0.5%	passes
Residue on ignition <281>	negligible from 100 mg	passes
Limit of anderalone <851>	absorptivity at 310 nm not more than 0.2	passes
Limit of norepinephrine	not more than 4.0%	passes
Assay	not less than 97.0% and not more than 102.0%	100.3%

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