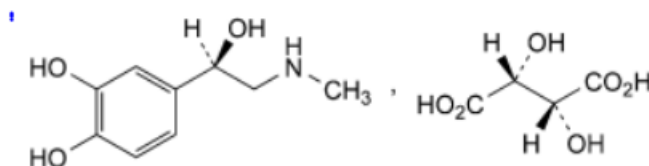


PRODUCT Adrenaline Acid Tartrate Ph. Eur.

CAS no. [51-42-3]
 $C_{13}H_{19}NO_9$



SYNONYMS Adrenaline Tartrate; Epinephrine Acid Tartrate; Epinephrine Tartrate;

CHARACTERISTICS White or greyish white, crystalline powder.
 Solubility: freely soluble in water, slightly soluble in ethanol (96 per cent).

TEST	SPECIFICATION														
Content	98.5 per cent to 101.0 per cent (dried substance).														
Identification	A. SOR Test: -50°C to -53.5°C B. By IR Test: The IR spectra should concord with the reference spectra of Adrenaline Acid tartrate WS. C. Tartrate Test: A dark blue colour develops														
Appearance of solution	The solution is not more opalescent than reference suspension II and not more intensely coloured than reference solution BY ₅														
Related substances	<table> <tbody> <tr> <td>Impurity A</td> <td>Maximum 0.3%</td> </tr> <tr> <td>Impurity B</td> <td>Maximum 0.2%</td> </tr> <tr> <td>Impurity C</td> <td>Maximum 0.2%</td> </tr> <tr> <td>Impurity D</td> <td>Maximum 0.1%</td> </tr> <tr> <td>Impurity E</td> <td>Maximum 0.1%</td> </tr> <tr> <td>Total unspecified impurities</td> <td>Maximum 0.1%</td> </tr> <tr> <td>Total impurities</td> <td>Maximum 0.6%</td> </tr> </tbody> </table>	Impurity A	Maximum 0.3%	Impurity B	Maximum 0.2%	Impurity C	Maximum 0.2%	Impurity D	Maximum 0.1%	Impurity E	Maximum 0.1%	Total unspecified impurities	Maximum 0.1%	Total impurities	Maximum 0.6%
Impurity A	Maximum 0.3%														
Impurity B	Maximum 0.2%														
Impurity C	Maximum 0.2%														
Impurity D	Maximum 0.1%														
Impurity E	Maximum 0.1%														
Total unspecified impurities	Maximum 0.1%														
Total impurities	Maximum 0.6%														
Loss on drying	Maximum 0.5%														
Sulfated ash	Maximum 0.1%														

ENQUIRY