



BRITISH PHARMACOPOEIA CHEMICAL REFERENCE SUBSTANCE  
INFORMATION LEAFLET

1,5-DIMETHYLHEXYL(METHYL)AMINE

CATALOGUE NUMBER 456

CURRENT BATCH: 1647

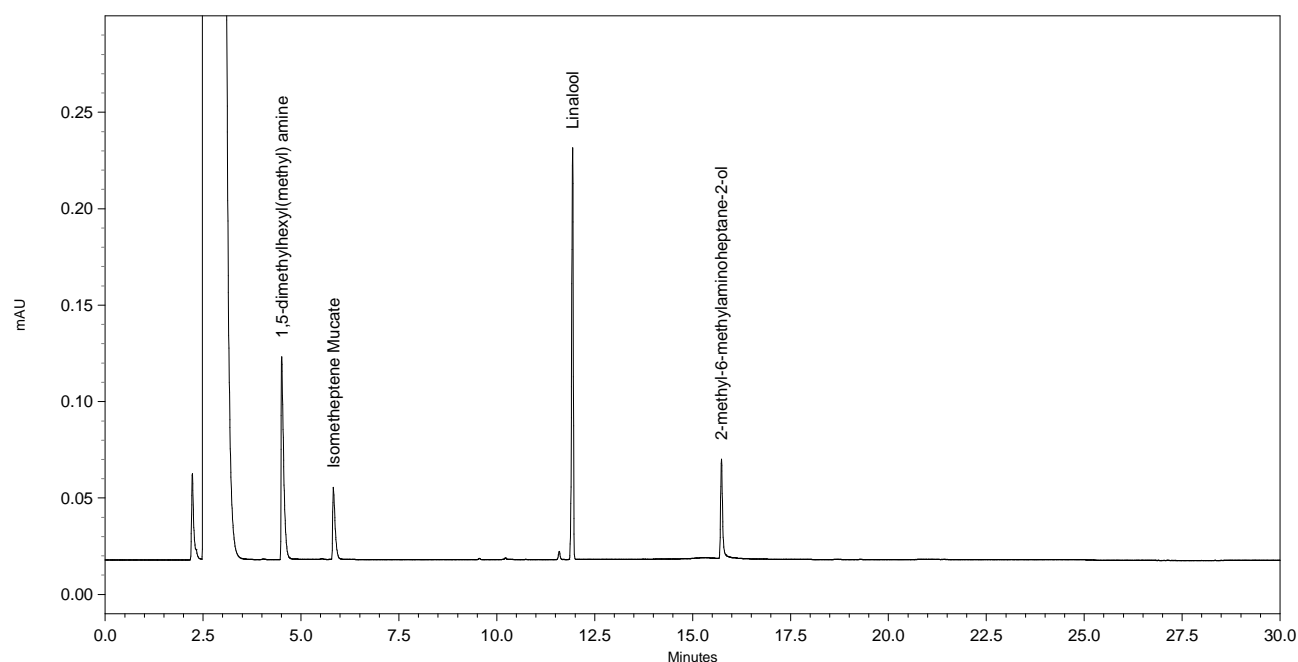
**Declared Content**

None given.

**Use**

This British Pharmacopoeia Chemical Reference Substance (BPCRS) is to be used as directed in the monograph(s) of the British Pharmacopoeia and is not intended for any other purpose.

**Reference Chromatogram(s)**



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# British Pharmacopoeia

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**Additional Information**

The reference chromatogram overleaf has been prepared using a solution containing 0.02% w/v each of 1,5-dimethylhexyl(methyl)amine BPCRS, 2-methyl-6-methylaminoheptan-2-ol BPCRS, isometheptene mucate and linalool in dichloromethane using the following chromatographic conditions:

**Column:** DB-WAX (film thickness 0.25  $\mu\text{m}$ , 30 m x 0.25 mm)

**Injector Temperature:** 190  $^{\circ}\text{C}$ .

<b>Oven Temperature:</b>	<u>Time (minutes)</u>	<u>Temperature (<math>^{\circ}\text{C}</math>)</u>
	0	80
	15	140
	30	140

**Detector Temperature:** 200  $^{\circ}\text{C}$

**Injection Volume:** 1  $\mu\text{l}$

**Elution order:**

- 1,5-dimethylhexyl(methyl)amine (4.5 minutes)
- isometheptene mucate (5.8 minutes)
- Linalool (11.9 minutes)
- 2-methyl-6-methylaminoheptan-2-ol (15.7 minutes)

For additional information on BPCRS please visit the British Pharmacopoeia website.

<https://www.pharmacopoeia.com>