

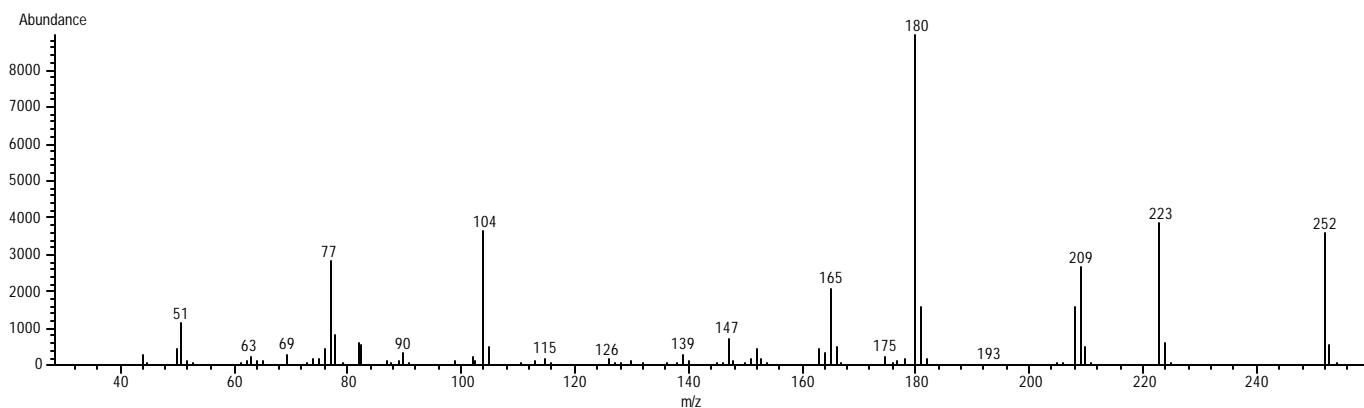
Product Information

5,5-DIPHENYLHYDANTOIN

Methanol Solution

| | | | |
|--------------------------|--|------------------------|--|
| Product Number | D 6658 | Synonyms | Phenytoin, Fenitoina, Phenantoinum |
| Lot Number | 22K8808 | Stability | If stored at 2-8°C in an air tight container, protected from light, decomposition of the product is less than 1% in 48 months. After opening, concentration may change due to loss of solvent. |
| CAS Number | [57-41-0] | Expiration Date | October 2004 |
| Concentration | 0.96 mg 5,5-Diphenylhydantoin/mL GC grade methanol (conc. verified by UV) | Storage | 2-8°C; After opening, transfer contents to small vial provided for your convenience. |
| Molecular Formula | C ₁₅ H ₁₂ N ₂ O ₂ | | |
| Molecular Weight | 252.3 | | |
| DEA Class | Formulation of a | | |

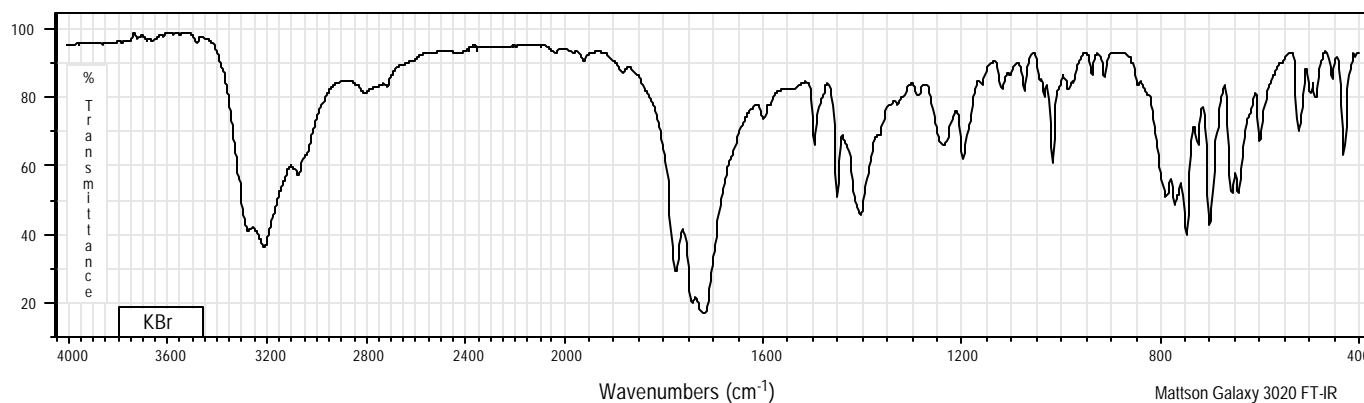
70 eV Electron Ionization Mass Spectrum



non controlled substance

Hewlett-Packard 5890 Series II Gas Chromatograph
 Hewlett-Packard 5971 Mass Selective Detector
 Hewlett-Packard G1034C MS ChemStation (HP-DOS series)

FT-IR

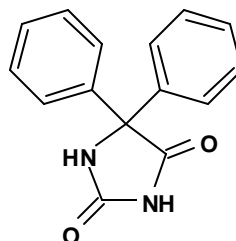


5,5-DIPHENYLHYDANTOIN

Methanol Solution

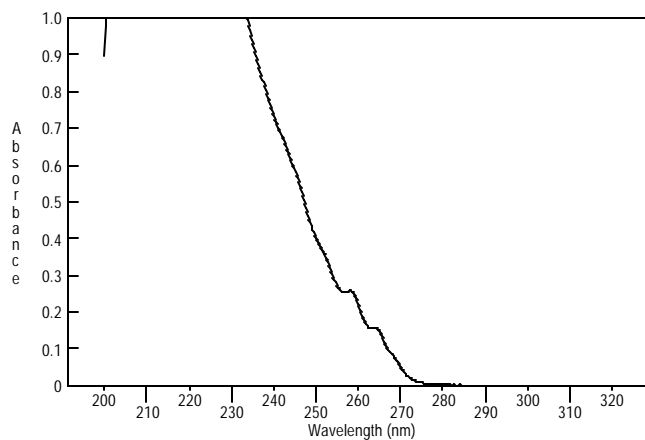
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Lot Number 22K8808



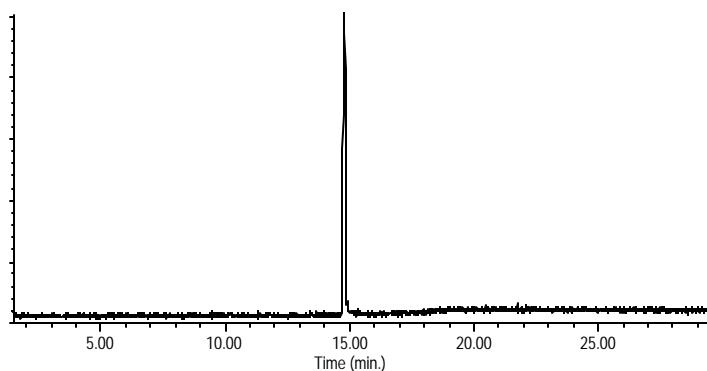
Ultraviolet Spectrum

| | |
|------------|-------------|
| Peak | 258.2 nm |
| Absorbance | 0.258 |
| Solvent | Methanol |
| Dilution | 1 : 9 (v/v) |



Capillary Gas Chromatography

Column Supelco SPB-1 (Cat. No. 2-4162)
I.D. 0.20 mm Length 15 m Film Thickness 0.20 μ m
Oven Temperature 50°C (2 min.), then 15°/min. to 300°C,
hold 11 min.
Injector Temperature 250°C, Split
Detector Hewlett-Packard 5971
Mass Selective Detector (70 eV, 40-500 m/z)



D 6658/22K8808/03/25/02

This product is not for *in vitro* diagnostic procedures. For R&D use only. Not for drug, household or other uses.

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Please see reverse side of the invoice or packing slip.