

Product Datasheet

GP8291 - Curcumin

Pictograms

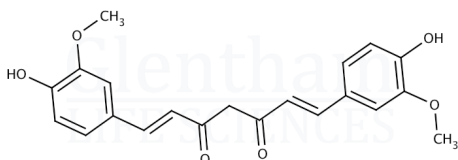


Product Details

| | |
|--------------------|---|
| Product Name | Curcumin |
| Glenthams Code | GP8291 |
| CAS Number | 458-37-7 |
| EINECS | 207-280-5 |
| MDL Number | MFCD00008365 |
| PubChem SID | 310270567 |
| Related Categories | APIs, Biochemicals, Dyes & Stains, Phytochemicals |

Structure

| | |
|-------------------|--|
| Molecular Weight | : 368.39 |
| Molecular Formula | : C ₂₁ H ₂₀ O ₆ |



Glenthams Product Specification

| | |
|----------------------------|--|
| Physical Description | : Yellow or orange powder |
| Solubility (1% in ethanol) | : Clear to very slightly turbid, colourless to pale yellow-orange solution |
| Heavy Metals | : ≤ 10ppm |
| Water | : ≤ 7.0% |
| Curcumin | : ≥ 60.0% (HPLC) |
| Curcuminoid Content | : ≥ 95.0% (HPLC) |
| Version | : v1.1 |

About Curcumin

Curcumin is a naturally occurring phenol found in turmeric and is responsible for the characteristic yellow colour of turmeric powder. It is commonly used as a spice and food colouring agent. Curcumin has been investigated for its anti-inflammatory properties and as a potential chemopreventive agent. Within a laboratory setting, curcumin can be used for boron quantification.

Storage

Recommended storage temperature: -20°C.

Hazards and Transport

Not classified as dangerous for transport.

| | |
|---------------------|--|
| CLP Classification | Skin Irr. 2, STOT SE 3, STOT SE 3, Eye Irr. 2A |
| Signal Word | Warning |
| Hazard Codes | H315, H336, H335, H319 |
| Precautionary Codes | P280, P261, P302+P352, P305+P351+P338 |

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