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## Product Datasheet

### **Native Glycine max (soybean) Lipoxidase, CAS [[9029-60-1]] CRM-NATE-0407**

|                            |                                                                                                                                                                                                                                                   |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Native Glycine max (soybean) Lipoxidase, CAS [[9029-60-1]]                                                                                                                                                                                        |
| Biozol Catalog Number      | CRM-NATE-0407                                                                                                                                                                                                                                     |
| Supplier Catalog Number    | NATE-0407                                                                                                                                                                                                                                         |
| Alternative Catalog Number | CRM-NATE-0407-4                                                                                                                                                                                                                                   |
| Manufacturer               | Creative BioMart                                                                                                                                                                                                                                  |
| Category                   | Biochemikalien                                                                                                                                                                                                                                    |
| Product Description        | Catalyzes the hydroperoxidation of lipids containing a cis,cis-1,4-pentadiene structure....                                                                                                                                                       |
| Concentration              | 10 U/mg protein                                                                                                                                                                                                                                   |
| CAS Number                 | [9029-60-1]                                                                                                                                                                                                                                       |
| Application Notes          | The soybean enzyme will use arachidonic acid as a substrate, with ~ 15% of the activity indicated using linoleic acid as the substrate, the product of arachidonic acid oxidation is 12-or 15-hydroperoxyarachidonic acid (12-HPETE or 15-HPETE). |