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## Product Specification

Product Name:

Sulfatase from *Patella vulgata* (keyhole limpet) – Type IV, essentially salt-free, lyophilized powder,  
≥10 units/mg solid

Product Number:

S8504

CAS Number:

9016-17-5

MDL:

MFCD00132399

Storage Temperature:

-20 °C

TEST	Specification
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Appearance (Color)

Light Beige to Dark Beige to Dark Brown

Appearance (Form)

Powder

units/mg Solid

≥ 10

Sulfatase Activity

Unit Definition: One unit will hydrolyze 1.0 micromole of P-Nitrocatechol Sulfate per hour at pH 5.0 at 37 Deg C.

units/mg Solid

≥ 750

Beta-Glucuronidase Activity

Unit Definition: One unit will hydrolyze 1.0 microgram of Phenolphthalein from Phenolphthaline Glucuronide per hour at pH 3.8 at 37 Deg C.

Recommended Retest Period

3 years

Specification: PRD.0.ZQ5.10000053727

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.