



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-236958
Lot Number: SAMPLE
Product Name: Super-DHB
CAS Number: 63542-76-7
Molecular Formula:
Molecular Weight:

Test	Specification	Result
Appearance (Color)	Colorless or white	White
Appearance (Form)	Powder	Powder
Identification (¹ H-NMR)	Consistent with structure	Complies
Purity (HPLC)	85.0 - 95.0%	90.7%
Melting Point	192 - 195 °C	200 °C
Solution (Color)	Colorless to very faintly greenish-yellow	Colorless
Solution (Turbidity)	Clear (< 3.5 NTU)	Clear
Trace metal analysis	Consistent with requirements	Complies
Cadmium	≤ 5 mg/kg (ICP)	< 5 mg/kg (ICP)
Calcium (ICP)	≤ 5 mg/kg	< 5 mg/kg
Chromium	≤ 5 mg/kg (ICP)	< 5 mg/kg (ICP)
Cobalt	≤ 5 mg/kg (ICP)	< 5 mg/kg (ICP)
Copper	≤ 5 mg/kg (ICP)	< 5 mg/kg (ICP)
Iron (ICP)	≤ 5 mg/kg	< 5 mg/kg
Lead (ICP)	≤ 5 mg/kg	< 5 mg/kg
Lithium	≤ 5 mg/kg (ICP)	< 5 mg/kg (ICP)
Magnesium	≤ 5 mg/kg (ICP)	< 5 mg/kg (ICP)
Manganese	≤ 5 mg/kg (ICP)	< 5 mg/kg (ICP)
Nickel	≤ 5 mg/kg (ICP)	< 5 mg/kg (ICP)

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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Potassium (ICP)	≤ 5 mg/kg	< 5 mg/kg
Sodium (ICP)	≤ 5 mg/kg	< 5 mg/kg
Zinc	≤ 5 mg/kg (ICP)	< 5 mg/kg (ICP)

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