

# ROCHEM INTERNATIONAL, INC.

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## PRODUCT SPECIFICATION

### DEHYDROEPIANDROSTERONE

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Version No: 700084-000

<b>Product Name:</b>	Dehydroepiandrosterone
<b>Synonym:</b>	DHEA
<b>CAS No.:</b>	53-43-0
<b>ITEMS</b>	<b>SPECIFICATIONS</b>
<b>Appearance:</b>	White or almost white, crystalline powder
<b>Identification (IR):</b>	Conforms
<b>Assay:</b>	98.5% ~ 102.0%
<b>Odor:</b>	Matches Control Sample
<b>Melting Range:</b>	149°C ~ 151°C
<b>Loss on Drying:</b>	≤ 0.5%
<b>Residue on Ignition:</b>	≤ 0.1%
<b>Specific Rotation:</b>	12°C ~15°
<b>Particle Size:</b> Thru 20 Mesh: Thru 200 Mesh:	NLT 95% NMT 20%
<b>Heavy Metals:</b>	≤ 10ppm
<b>Lead:</b>	≤ 0.5ppm
<b>Arsenic:</b>	≤ 1ppm
<b>Cadmium:</b>	≤ 0.1ppm
<b>Mercury:</b>	≤ 0.1ppm
<b>Related Substances:</b> Single Impurity: Total Impurities	≤ 0.2% ≤1.0%
<b>Microbiological Tests</b> Total Plate Count: Yeasts and Molds: Staphylococcus Aureus: E. Coli: Salmonella	≤ 1000 cfu/g ≤ 100 cfu/g Negative Negative Negative
<b>Residual Solvents:</b> Methanol: Dichloromethane: Ethanol: Ethyl Acetate: Acetone:	≤3000ppm ≤600ppm ≤5000ppm ≤5000ppm ≤5000ppm
<b>Exp Date:</b>	2 years

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