



## Specification

### Spinosad A/D USP

**Catalog Number:** SP1015  
**CAS Number:** 131929-60-7/13929-63-0  
**Molecular Formula:** C<sub>41</sub>H<sub>65</sub>NO<sub>10</sub>:C<sub>42</sub>H<sub>67</sub>NO<sub>10</sub>  
**Molecular Weight:** 731.96  
**Storage:** 15°C – 30°C  
**Retest Date:** Two years from the date of manufacture

Test	Specification
Appearance	White to light gray powder
Assay (Dry Basis)	
A	80.0 – 90.0%
D	10.0 – 15.0%
Identification	
IR	To meet requirements
Procedure B	To meet requirements
Melting Point	84.0°C – 99.5°C
Chromatographic Purity	To meet requirements
Sieve Analysis	100% thru 80mesh
Moisture (LOD)	≤ 1.0%
Residue on Ignition	≤ 1.0%
Heavy Metal	≤ 10ppm
Arsenic	≤ 0.5ppm
Cadmium	≤ 0.5ppm
Lead	≤ 0.5ppm
Residual Solvents	≤ 100ppm
Residual Pesticide	Negative
Total Plate Count	≤ 1,000cfu/g
Yeast & Mold	≤ 100cfu/g
<i>E. coli</i>	Negative
<i>Salmonella</i>	Negative

Approved:

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