

Specification

Technical Data Sheet

Product Name	L-Asparagine monohydrate
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Product No	18373388
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CAS Number	5794-13-8
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Storage Temperature	Ambient
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Molecular Weight	150.13
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Specification

Appearance	White crystalline powder
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Conclusion	According to:
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Fe	<10ppm
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Heavy metals	<10ppm
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Identification	Conforms to reference
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Loss on Drying	11.5 - 12.5%
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pH	4.4 - 6.4
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Specification

SO4	<0.02%
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Specific rotation	34.2 - 36.5
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AS2O3	<1ppm
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Assay	99 - 101%
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Cl	<0.02%
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NH4	<0.10%
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Residue on Ignition	<0.10%
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State of Solution	>98%
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Other Amino Acids (TLC)	≤1.0%
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