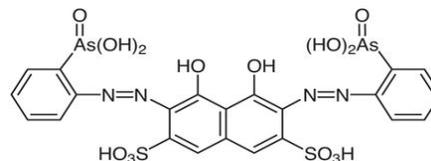


## Product Specification

Product Name:

**Arsenazo III, PurReagent, For spectrophotometric detection for U, Th, Zr and other metals, Indicator for the precipitation titration of SO<sub>4</sub> with Ba, >90.0%**

Product No.: PSR50300  
Brand: PureSynth  
CAS No.: 1668-00-4  
Molecular Formula: C<sub>22</sub>H<sub>18</sub>As<sub>2</sub>N<sub>4</sub>O<sub>14</sub>S<sub>2</sub>  
Molecular Weight: 776.36 g/mol



Test	Specification
Appearance	Dark green to Dark red to Black powder to crystalline
Assay (by Titration) (on dried basis)	≥ 90.0 %
Absorbance (16mg/L)	NLT 0.600 (535.0 - 545.0 nm)
Loss on Drying at 110 °C	NMT 10.0 %
Calcium	NMT 0.1 %
Identification (by UV)	Conforms
Suitability as indicator	Passes test

Specification: PR-1.0-QA/138

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For queries on this Specifications, please contact our technical team at [technical@pure-synth.com](mailto:technical@pure-synth.com)