

## Certificate of Analysis

Date of Testing: 2023-08-04 13:02:33  
Date of Next Testing: 2027-08-03 13:02:33  
Product Name: **Saponin**  
CAS Number: 8047-15-2  
Specifications & Purity: BR,10~25%  
Lot #: H2303266  
SKU #: **S108691**  
**Analysis:** **255652**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Sapogenine	10-25 (%)	13.57 %
Ignition Residue (as sulfate)	0-20 (%)	7.10 %
Appearance (S108691)	Yellow to Beige to Brown Powder ,Crystal or Chunks	Yellow to Beige to Brown Powder ,Crystal or Chunks
Solubility in H <sub>2</sub> O , 10mg/ml,Light yellow, Clear liquid	Pass	Pass
Solubility in DMSO , 10mg/ml,Light yellow, Clear liquid	Pass	Pass
Description	non-ionic	non-ionic
Infrared spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager